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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,832,806

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,832,806

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$257**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **257 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
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5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
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8. Intellectual property acts, rules and regulations

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le 20 juin, 2017

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6. Procédures en cas de fermeture des bureaux
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8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 28, 2018 contains applications open to public inspection from August 12, 2018 to August 18, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 28 août 2018 contient les demandes disponibles au public pour consultation pour la période du 12 août 2018 au 18 août 2018.

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[54] **HIGH-RESOLUTION TRACKING OF INDUSTRIAL PROCESS MATERIALS USING TRACE INCORPORATION OF LUMINESCENT MARKERS**
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[54] **ANTIBODIES RECOGNIZING A CARBOHYDRATE CONTAINING EPITOPE ON CD-43 AND CEA EXPRESSED ON CANCER CELLS AND METHODS USING SAME**
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[54] **DETERMINATION DE L'EFFICACITE DE 5-ASA DANS LA PREVENTION DU CANCER COLONO-RECTAL ET/OU DANS SON TRAITEMENT PAR ANALYSE DE L'EXPRESSION GENETIQUE**
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[72] VERLEYE, MARC, FR
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[54] **A VIDEO DEVICE AND METHOD FOR DISPLAYING INFORMATION OF A PART HAVING AN RFID**
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[54] **PYRROLYSYL-ARNT SYNTHETASE MUTANTE, ET PROCEDE L'EMPLOYANT POUR PRODUIRE UNE PROTEINE DANS LAQUELLE SONT INTEGRES DES ACIDES AMINES NON NATURELS**
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[54] **ELECTROSURGICAL DEVICES HAVING DIELECTRIC LOADED COAXIAL APERTURE WITH DISTALLY POSITIONED RESONANT STRUCTURE AND METHOD OF MANUFACTURING SAME**
[54] **APPAREILS ELECTROCHIRURGICAUX COMPORTANT UNE OUVERTURE COAXIALE A COMMANDE DIELECTRIQUE, AVEC UNE STRUCTURE DE RESONANCE EN POSITION DISTALE ET METHODE DE FABRICATION DUDIT APPAREIL**
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[54] **UTILISATION D'INHIBITEURS DE SERINE PROTEASES POUR TRAITER DES MALADIES DE PEAU**
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[72] KUNDIG, CHRISTOPH, CH
[72] HOVNANIAN, ALAIN, FR
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[54] **GACHE DE PORTE POURVUE D'UN EVACUATEUR ET D'UN DISPOSITIF DE LIBERATION REGLABLE A PENE DEMI-TOUR A CRAN D'ARRET**
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[73] HANCHETT ENTRY SYSTEMS, INC., US
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[54] **((2S,4R)-4,6-DIHYDROXYTETRAHYDRO-2H-PYRAN-2-YL)METHYL CARBOXYLATE AND PROCESS FOR THE PRODUCTION THEREOF**
[54] **CARBOXYLATE DE ((2S,4R)-4,6-DIHYDROXYTETRAHYDRO-2H-PYRAN-2-YL)METHYLE ET SON PROCEDE DE FABRICATION**
[72] CLUZEAU, JEROME, SI
[72] CASAR, ZDENKO, SI
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[72] VILKOMIRSKI, GIL, IL
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[72] MACMILLAN, ALLAN GORDON ARCHIE, CA
[73] ADVANCED GLAZING TECHNOLOGIES LTD. (AGTL), CA
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[54] **METHODE PERMETTANT DE DETECTER UNE CONTAMINATION SUR UN OBJET EN MOUVEMENT**
[72] VAN BREE, DAAN, NL
[72] KOELLN, INGO, DE
[73] MIRION TECHNOLOGIES (RADOS) GMBH, DE
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[54] **PROCEDES DE JONCTION IN VITRO ET D'ASSEMBLAGE COMBINATOIRE DE MOLECULES D'ACIDES NUCLEIQUES**
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[54] **PROCEDE ET SYSTEME POUR PERMETTRE UNE UTILISATION DE TELEPHONE MOBILE PARTAGEE PERSONNALISEE**
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[73] BLACKBERRY LIMITED, CA
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[54] **COMPOSITIONS ET PROCEDES POUR PREVENIR ET TRAITER L'INFLAMMATION D'UNE MUQUEUSE ET LA PERTE DE POIDS**
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[54] **PROCEDE ET APPAREIL PERMETTANT DE FOURNIR UNE INDICATION D'UN NIVEAU DE DISTORSION ENTRAINEE PAR DES ARTEFACTS DE BLOCAGE**
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[72] EPHRATH, YARON, IL
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[54] **ANTICORPS CONTRE L'INTERLEUKINE-1 ALPHA ET METHODES D'UTILISATION**
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[54] **PROCEDE DE DECONTAMINATION A BASE DE MICROAEROSOL**
[72] SVENITTSKYI, EVGENIYI, RU
[72] GLUSHENKO, VALERYI, RU
[72] TOLPAROV, YURI, RU
[72] EGOROVA, TATIANA, RU
[72] CHERNYAEVA, ELENA, RU
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[54] **CAPTEURS OPTIQUES COMPORTANT DES MATERIAUX A CHANGEMENT DE PHASE A SURFACE MODIFIEE POUR LA DETECTION DE COMPOSES CHIMIQUES, BIOLOGIQUES ET EXPLOSIFS**
[72] JONES, JAMES EVERETT PENDELL, US
[72] KAYE, ANTHONY BRESENHAN, US
[72] HAGLUND, RICHARD FORSBERG, US
[72] CLIFFEL, DAVID EDWARD, US
[72] WRIGHT, DAVID, US
[73] VANDERBILT UNIVERSITY, US
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[73] WARNACO SWIMWEAR, INC., US
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[54] **TRAITEMENT CONTRE LE CANCER COMPORTANT UNE COMBINAISON DE DEUX ANTICORPS RECEPTEURS DE FACTEUR DE CROISSANCE ANTI-EPIDERMIQUES**
[72] PEDERSEN, MIKKEL WANDAHL, DK
[72] KRAGH, MICHAEL, DK
[72] HEY, ADAM S., DK
[72] JACOBSEN, HELLE, DK
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[54] **LUNG CANCER BIOMARKERS AND USES THEREOF**
[54] **BIOMARQUEURS DE CANCER DU POUMON ET UTILISATIONS ASSOCIEES**
[72] GOLD, LARRY, US
[72] STANTON, MARTY, US
[72] BRODY, EDWARD N., US
[72] OSTROFF, RACHEL M., US
[72] ZICHI, DOMINIC, US
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[54] **PLATELET-DERIVED GROWTH FACTOR COMPOSITIONS AND METHODS FOR THE TREATMENT OF TENDON AND LIGAMENT INJURIES**
[54] **COMPOSITIONS REFERMANT UN FACTEUR DE CROISSANCE DERIVE DES PLAQUETTES ET METHODES DE TRAITEMENT DE BLESSURES DE TENDONS ET DE LIGAMENTS**
[72] LYNCH, SAMUEL E., US
[72] WISNER-LYNCH, LESLIE A., US
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[54] **METHOD AND DEVICE FOR DETECTION OF BIOAVAILABLE DRUG CONCENTRATION IN A FLUID SAMPLE**
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE LA CONCENTRATION D'UN MEDICAMENT BIODISPONIBLE DANS UN FLUIDE**
[72] CHAUM, EDWARD, US
[72] LINDNER, ERNO, US
[72] GUO, JIDONG, CN
[73] THE UNIVERSITY OF MEMPHIS RESEARCH FOUNDATION, US
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[54] **PROCEDES POUR LA SEPARATION ET LA CARACTERISATION DE MICRO-ORGANISMES EN UTILISANT DES AGENTS IDENTIFICATEURS**
[72] WALSH, JOHN, US
[72] HYMAN, JONES, US
[72] THORPE, THURMAN, US
[72] CLAY, BRADFORD, US
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[54] **METHODS FOR SEPARATION, CHARACTERIZATION AND/OR IDENTIFICATION OF MICROORGANISMS USING MASS SPECTROMETRY**
[54] **PROCEDES DE SEPARATION, DE CARACTERISATION ET/OU D'IDENTIFICATION DE MICROORGANISMES A L'AIDE DE SPECTROMETRIE DE MASSE**
[72] HYMAN, JONES, US
[72] CLAY, BRADFORD, US
[72] WALSH, JOHN, US
[72] THORPE, THURMAN, US
[73] BIOMERIEUX, INC., US
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[54] **VEHICULE TOUT-TERRAIN SUR ROUES OU SUR CHENILLES**
[72] ZUCHOSKI, JEREMIE, CA
[72] BERNARD, JEAN, CA
[73] CAMSO INC., CA
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[54] **INHIBITEURS DE PROTEINES KINASES DE TYPE BENZONAPHTYRIDINONES TRICYCLIQUES MODIFIEES SUR LE NOYAU C ET LEUR UTILISATION**
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[72] HUCK, BAYARD R., US
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[54] **REPRISE EN BANDE DE BASE DANS LES RESEAUX SANS FIL, STATIONS EMETTRICES-RECEPTRICES DE BASE ET DISPOSITIFS DE RESEAU SANS FIL**
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[54] **STRUCTURE ET PROCEDE DE POSE DE VALVE PERCUTANEE MODULAIRE**
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[73] VALVE MEDICAL LTD, IL
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[54] **METHOD AND MECHANICAL PRESS SYSTEM FOR THE GENERATION OF DENSIFIED CYLINDRICAL BRIQUETTES**
[54] **PROCEDE ET SYSTEME DE PRESSE MECANIQUE POUR LA PRODUCTION DE BRIQUETTES CYLINDRIQUES DENSIFIEES**
[72] MURRAY, DONALD LOUIS, CA
[72] COTE, GUY, CA
[73] MURRAY, DONALD LOUIS, CA
[73] 9114-4071 QUEBEC INC., CA
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[54] **COMPOSITIONS COMPRISING DECITABINE AND TETRAHYDROURIDINE AND USES THEREOF**
[54] **COMPOSITIONS COMPRENANT DE LA DECITABINE ET DE LA TETRAHYDROURIDINE ET LEURS UTILISATIONS**
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[72] SAUNTHARARAJAH, YOGEN, US
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[72] TOWKAN, MICHAEL FEDOR, GB
[73] GE AVIATION SYSTEMS LIMITED, GB
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[54] **COMPOSITION DE SURFACE ET PROCEDE D'APPLICATION**
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[54] **RAPPEL MEDICAL ET DISPOSITIF D'ADMINISTRATION**
[72] TURNELL, TRACY, CA
[72] BEIGI, ABBAS, CA
[73] TURNELL, TRACY, CA
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[54] **METHODE DE SURVEILLANCE DU FONCTIONNEMENT D'UN SYSTEME DE DETECTION DE METAUX ET SYSTEME DE DETECTION DE METAUX**
[72] MCADAM, STEPHEN, GB
[73] METTLER-TOLEDO SAFELINE LIMITED, GB
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[54] **YEAST CELLS EXPRESSING AN EXOGENOUS CELLULOSOME AND METHODS OF USING THE SAME**
[54] **CELLULES DE LEVURE EXPRIMANT UN CELLULOSOME EXOGENE ET PROCEDES D'UTILISATION DE CELLES-CI**
[72] MCBRIDE, JOHN, US
[72] MELLON, MARK, US
[72] RAJGARHIA, VINEET, US
[72] BREVNOVA, ELENA E., US
[72] WISWALL, ERIN, US
[72] HOGSETT, DAVID A., US
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[72] ROSE, SHAUNITA, ZA
[72] VAN ZYL, EMILE, ZA
[73] STELLENBOSCH UNIVERSITY, ZA
[73] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU
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[54] **APPAREIL DE COMMANDE DE LA VITESSE DE LECTURE ET PROCEDE DE COMMANDE DE LA VITESSE DE LECTURE**
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[54] **PROCEDE DE DETERMINATION D'UN ETAT DE SANTE D'UN DISPOSITIF ELECTROCHIMIQUE**
[72] PHILIPPOTEAU, VINCENT, FR
[72] RAKOTONDRAINIBE, ANDRE, FR
[72] TURPIN, CHRISTOPHE, FR
[72] FONTES, GUILLAUME, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **MOUSSES CONTENANT DES PROTEINES, PREPARATION ET UTILISATION DE CELLES-CI**
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[72] SCOTT, DANNY EUGENE, US
[72] SITHEBE, HUMPHREY SAMKELO LUNGISANI, ZA
[72] NAIDOO, KAVESHINI, ZA
[72] KAISER, BRONWYN ANNETTE, ZA
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[73] BAKER HUGHES INCORPORATED, US
[73] ELEMENT SIX LIMITED, IE
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[54] **SYSTEM AND METHOD FOR PROTECTION OF SCR CATALYST AND CONTROL OF MULTIPLE EMISSIONS**
[54] **SYSTEME ET PROCEDE POUR LA PROTECTION D'UN CATALYSEUR DE RCS ET LA REGULATION D'EMISSIONS MULTIPLES**
[72] GADGIL, MANDAR R., US
[72] GHORISHI, S. BEHROOZ, US
[72] JANKURA, BRYAN J., US
[73] THE BABCOCK & WILCOX COMPANY, US
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[72] LEI, MARTIN, US
[72] MACKULIN, BRYAN, US
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[54] **DEVICE AND METHOD FOR PRODUCING A REPLICATE OR DERIVATIVE FROM AN ARRAY OF MOLECULES, AND APPLICATIONS THEREOF**
[54] **DISPOSITIF ET METHODE DE PRODUCTION D'UNE COPIE OU D'UN DERIVE D'UN RESEAU DE MOLECULES, ET LEURS APPLICATIONS**
[72] ZENGERLE, ROLAND, DE
[72] VON STETTEN, FELIX, DE
[72] ROTH, GUENTER, DE
[72] HOFFMANN, JOCHEN, DE
[73] ALBERT-LUDWIGS-UNIVERSITAET FREIBURG, DE
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[72] VILANOVA ALZAMORA, MANUEL, ES
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[54] **DISPOSITIF D'EMISSION D'ONDES RADIOELECTRIQUES, ANTENNE ET ENGIN SPATIAL**
[72] BOUGUEREAU, JEAN-LUC, FR
[72] CALMETTES-CARENSAC, FABIEN, FR
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[54] **PARTICULES POLYMERES ORGANIQUES, COMPOSITIONS DE COUCHAGE DU PAPIER ET PROCEDES CORRESPONDANTS**
[72] BRENNAN, DAVID J., US
[72] KELLY, JOHN P., US
[72] NINNESS, BRIAN J., US
[72] GALLOWAY, JAMES G., US
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[54] **ACTIVATION DE CATALYSEUR DANS UN PROCEDE A DEUX REACTEURS**
[72] WANG, XIAOCHUAN, CA
[72] ZORICAK, PETER, CA
[72] BROWN, STEPHEN JOHN, CA
[73] NOVA CHEMICALS CORPORATION, CA
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[54] **DISPOSITIF FONCTIONNEL EXTERNE, DISPOSITIF DE TRAITEMENT SANGUIN POUR LOGER UN DISPOSITIF FONCTIONNEL SELON L'INVENTION, ET PROCEDES**
[72] GRONAU, SOEREN, DE
[72] GUENTHER, GOETZ, DE
[72] HAECKER, JUERGEN, DE
[72] LAUER, MARTIN, DE
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[54] **LIPID-POLYMER CONJUGATES, THEIR PREPARATION AND USES THEREOF**
[54] **CONJUGUES LIPIDES/POLYMERES, LEUR PREPARATION ET LEURS UTILISATIONS**
[72] YEDGAR, SAUL, IL
[72] COHEN, YUVAL, US
[72] BONDI, JOSEPH V., US
[73] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM, LTD., IL
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[54] **PROCEDE DE RECUPERATION DE DIOXYDE DE CARBONE A PARTIR D'UN COURANT DE FLUIDE, EN PARTICULIER D'UN GAZ DE SYNTHESE**
[72] KATZ, TORSTEN, DE
[72] SIEDER, GEORG, DE
[72] TANAKA, KOJI, JP
[73] BASF SE, DE
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[72] DUFOUR-LAMARTINIE, JEAN-FRANCOIS, FR
[73] HYBRIGENICS SA, FR
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[54] **ACCELERATEURS DE PARTICULE MUNI DE MOTEURS ELECTROMECANIQUE ET METHODES D'UTILISATION ET DE FABRICATION CONNEXES**
[72] ERIKSSON, TOMAS, SE
[72] HOLMGREN, BERT, SE
[73] GENERAL ELECTRIC COMPANY, US
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[54] **SELECTIVE DEHYDROHALOGENATION OF TERTIARY HALOGENATED HYDROCARBONS AND REMOVAL OF TERTIARY HALOGENATED HYDROCARBON IMPURITIES**
[54] **DESHYDROHALOGENATION SELECTIVE D'HYDROCARBURES HALOGENES TERTIAIRES ET ELIMINATION DES IMPURETES CONTENUES DANS DES HYDROCARBURES HALOGENES TERTIAIRES**
[72] TRIPPEER, MICHAEL LEE, US
[72] FRANK, TIMOTHY CHARLES, US
[72] AU-YEUNG, PATRICK HO SING, US
[72] BRONKEMA, JASON LEE, US
[72] JOHNSTON, ROBIN KEITH, US
[72] PATEL, MUKUND R., US
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[54] **SYSTEME DE DIAGNOSTIC D'ANOMALIES DE PLANTE**
[72] DUARTE, RICARDO JUNQUEIRA FRANCO, BR
[73] BASF SE, DE
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[54] **PROCEDE DE DETECTION DE CONTAMINANTS**
[72] MCLAUGHLIN, MICHAEL JOHN, AU
[72] FORRESTER, SEAN THOMAS, AU
[72] JANIK, LESLIE JOSEPH, AU
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[54] **SYSTEME ET PROCEDE ADAPTES POUR EXECUTER UNE SERIALISATION DE DISPOSITIFS**
[72] FUNG, ERIC, CA
[72] NEILL, BRIAN, CA
[72] TSE, CHI CHIU, CA
[73] CERTICOM CORP., CA
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[54] **NITROGEN-CONTAINING SPIRO-RING COMPOUND AND MEDICINAL USE OF SAME**
[54] **COMPOSE DE CYCLE SPIRO CONTENANT DE L'AZOTE ET SON UTILISATION MEDICALE**
[72] NOJI, SATORU, JP
[72] SHIOZAKI, MAKOTO, JP
[72] MIURA, TOMOYA, JP
[72] HARA, YOSHINORI, JP
[72] YAMANAKA, HIROSHI, JP
[72] MAEDA, KATSUYA, JP
[72] HORI, AKIMI, JP
[72] INOUE, MASAFUMI, JP
[72] HASE, YASUNORI, JP
[73] JAPAN TOBACCO INC., JP
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[54] **(+)-MORPHINANS AS ANTAGONISTS OF TOLL-LIKE RECEPTOR 9 AND THERAPEUTIC USES THEREOF**
[54] **(+)-MORPHINANES EN TANT QU'ANTAGONISTES DES RECEPTEURS DE TYPE TOLL-9 ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] TRAWICK, BOBBY N., US
[72] BERBERICH, DAVID W., US
[72] GROTE, CHRISTOPHER W., US
[73] MALLINCKRODT LLC, US
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[54] **USES OF FORMULATIONS OF THYROID HORMONE ANALOGS AND NANOPARTICULATE FORMS THEREOF TO INCREASE CHEMOSENSITIVITY AND RADIOSENSITIVITY IN TUMOR OR CANCER CELLS**
[54] **UTILISATIONS DE FORMULATIONS D'ANALOGUES DE L'HORMONE THYROIDIENNE ET DE FORMES NANOPARTICULAIRES DE CELLES-CI POUR AUGMENTER LA CHEMOSENSIBILITE ET LA RADIOSENSIBILITE DANS LES CELLULES TUMORALES OU CANCEREUSES**
[72] DAVIS, PAUL J., US
[72] MOUSA, SHAKER A., US
[73] NANOPHARMACEUTICALS LLC, US
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[54] **NANOSTRUCTURED HYDROXYAPATITE COATING FOR DENTAL AND ORTHOPEDIC IMPLANTS**
[54] **REVETEMENT D'HYDROXYAPATITE NANOSTRUCTUREE POUR IMPLANTS DENTAIRES ET ORTHOPEDIQUES**
[72] MALSHE, AJAY P., US
[72] JIANG, WENPING, US
[73] MALSHE, AJAY P., US
[73] JIANG, WENPING, US
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[54] **PRODUCTION DE COMBUSTIBLES ET PRODUITS CHIMIQUES DE SYNTHESE AVEC CAPTURE DE CO2 IN SITU**
[72] FAN, LIANG-SHIH, US
[72] LI, FANXING, US
[72] ZENG, LIANG, US
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[54] **SYSTEME ET PROCEDE DE FIXATION D'UN PONT DENTAIRE**
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[73] DENTAL INNOVISION LTD., VG
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[54] **CONTAINERS AND METHODS FOR DISPENSING MULTIPLE DOSES OF A CONCENTRATED LIQUID, AND SHELF STABLE CONCENTRATED LIQUIDS**
[54] **RECIPIENTS ET PROCEDES DE DISTRIBUTION DE DOSES MULTIPLES D'UN LIQUIDE CONCENTRE, ET LIQUIDES CONCENTRES STABLES A LA CONSERVATION**
[72] RAGNARSSON, KARL, US
[72] PALEKAR, MANGESH, US
[72] ALBAUM, GARY J., US
[72] MACDONALD, JANE LEE, US
[72] SCAROLA, LEONARD S., US
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[54] **A METHOD TO PRODUCE METHANE RICH FUEL GAS FROM CARBONACEOUS FEEDSTOCKS USING A STEAM HYDROGASIFICATION REACTOR AND A WATER GAS SHIFT REACTOR**
[54] **PROCEDE DE PRODUCTION DE GAZ COMBUSTIBLE RICHE EN METHANE A PARTIR DE CHARGES DE DEPART CARBONEES A L'AIDE D'UN REACTEUR D'HYDROGAZEIFICATION A LA VAPEUR ET D'UN REACTEUR DE CONVERSION DU GAZ A L'EAU**
[72] RAJU, ARUN SK, US
[72] PARK, CHAN SEUNG, US
[72] NORBECK, JOSEPH M., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **METHOD FOR THE PREPARATION OF 2,5-FURANDICARBOXYLIC ACID AND FOR THE PREPARATION OF THE DIALKYL ESTER OF 2,5-FURANDICARBOXYLIC ACID**
[54] **PROCEDE DE PREPARATION D'ACIDE 2,5-FURANE DICARBOXYLIQUE ET DE PREPARATION DE L'ESTER DIALKYLIQUE D'ACIDE 2,5-FURANE DICARBOXYLIQUE**
[72] MUNOZ DE DIEGO, CESAR, NL
[72] DAM, MATHEUS ADRIANUS, NL
[72] GRUTER, GERARDUS JOHANNES MARIA, NL
[73] FURANIX TECHNOLOGIES B.V., NL
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[54] **IMMUNOTHERAPIE COMBINEE POUR LE TRAITEMENT DU CANCER**
[72] ALLISON, JAMES, US
[72] SHARMA, PADMANEE, US
[72] QUEZADA, SERGIO A., US
[72] FU, TIHUI, US
[73] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **COOPERATIVE CONVEYANCE OF BASIC ACTIVE PRINCIPLES BY AMPHIPHILIC ACID MOLECULES**
[54] **TRANSPORT COOPERATIF DE PRINCIPES ACTIFS BASIQUES PAR DES MOLECULES AMPHIPHILES ACIDES**
[72] BIZE, CECILE, FR
[72] BLANZAT, MURIEL, FR
[72] PEREZ, EMILE, FR
[72] RICO-LATTES, ISABELLE, FR
[73] UNIVERSITE PAUL SABATIER TOULOUSE III, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[54] **MOYENS DE FERMETURE POUR TUYAU**
[72] DICKINSON, ROSS, GB
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[54] **METHODS AND SYSTEMS FOR PHARMACOGENOMIC TREATMENT OF CARDIOVASCULAR CONDITIONS**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT PHARMACOGENOMIQUE DE CONDITIONS CARDIOVASCULAIRES**
[72] BIANCHI, GIUSEPPE, IT
[72] FERRARI, PATRIZIA, IT
[72] MACCIARDI, FABIO, IT
[73] CVIE THERAPEUTICS LIMITED, TW
[85] 2012-04-11
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[54] **SOLUTIONS-MERES FORTEMENT CONCENTREES EN POLYMERE A BASE D'HUILES D'ORIGINE VEGETALE ET/OU ANIMALE POUR LA PREPARATION DE COMPOSITIONS BITUME/POLYMERE**
[72] HARDERS, SYLVIA, DE
[72] DULAC, GUILLAUME, FR
[73] TOTAL MARKETING SERVICES, FR
[85] 2012-04-13
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[54] **PERSONAL LEARNING APPARATUS AND METHOD BASED ON WIRELESS COMMUNICATION NETWORK**
[54] **APPAREIL ET PROCEDE D'APPRENTISSAGE PERSONNEL SUR LA BASE D'UN RESEAU DE COMMUNICATION SANS FIL**
[72] EOM, MYUNG-JIN, KR
[72] SONG, MYOUNG-JONG, KR
[72] KIM, IK-SOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **A METHOD AND APPARATUS FOR THE MEASUREMENT OF FLOW IN GAS OR OIL PIPES**
[54] **PROCEDE ET APPAREIL DE MESURE D'ECOULEMENT DANS DES GAZODUCS OU OLEODUCS**
[72] GAARDER, PAL EVEN, NO
[73] ABLY AS, NO
[85] 2012-05-10
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[54] **GALLERY APPLICATION FOR CONTENT VIEWING**
[54] **APPLICATION DE GALERIE POUR VISUALISATION DE CONTENU**
[72] KRISHNARAJ, VENKAT, US
[72] SHOEMAKER, AUSTIN W., US
[72] RATHNAM, ADITYA, US
[72] BHUMKAR, SOUJANYA, US
[73] OATH INC., US
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[54] **REMOVABLE SIDE HINGE FOR APPLIANCE**
[54] **CHARNIERE LATERALE AMOVIBLE POUR APPAREIL MENAGER**
[72] ELKASEVIC, SUAD, US
[72] GEIGER, JOSEPH, US
[72] WEIMER, CHARLES, US
[72] WIESER, PHILIPP, DE
[73] BSH HOME APPLIANCES CORPORATION, US
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[54] **INKJET RECORDING APPARATUS**
[54] **APPAREIL D'ENREGISTREMENT A JET D'ENCRE**
[72] IZAWA, HIDEO, JP
[72] OOYAMA, KOUICHI, JP
[72] SATO, MASAHITO, JP
[73] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
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[25] EN
[54] **NOVEL METHOD FOR PROCESSING LIGNOCELLULOSE CONTAINING MATERIAL**
[54] **NOUVEAU PROCEDE POUR LE TRAITEMENT DE MATIERE CONTENANT DE LA LIGNOCELLULOSE**
[72] VAN GROENESTIJN, JOHANNES WOUTERUS, NL
[72] JETTEN, JAN MATTHIJS, NL
[72] VAN DEVENTER, HENDRICUS CORNELIS, NL
[72] SLOMP, RONALD, NL
[72] SLAGHEK, THEODOOR MAXIMILIAAN, NL
[73] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
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[54] **INK FOR PRINTING MOULDED PARTS AND IMPLEMENTATION PROCESS.**
[54] **ENCRE DESTINEE A L'IMPRESSION DE PIECES MOULEES ET PROCEDE DE MISE EN OEUVRE.**
[72] MAILLOT, RENE, FR
[72] PERRAUD, ERIC, FR
[72] CHABROL, ANNE, FR
[72] CUNY, CHRISTOPHE, FR
[73] IVY GROUP HOLDING, FR
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[54] **APPRENTISSAGE D'UN AGENCEMENT DE FILTRES POUR CAPTEUR BINAIRE**
[72] RISSA, TERO, FI
[72] MAEKI, MARTTUNEN TUOMO, FI
[72] VIIKINKOSKI, MATTI, FI
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[54] **RECHARGE DE VEHICULES ELECTRIQUES ET COMPTABILITE**
[72] TORMEY, MILTON T., US
[72] LOWENTHAL, RICHARD, US
[72] SOLOMON, JAMES, US
[73] CHARGEPOINT, INC., US
[85] 2012-06-18
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[54] **SYSTEM AND METHOD FOR EMERGENCY BROADCASTING**
[54] **SYSTEME ET PROCEDE POUR TELEDIFFUSION D'URGENCE**
[72] VAN KESSEL, JAMES, CA
[73] BCE INC., CA
[85] 2012-06-29
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[54] **METHOD AND SYSTEM FOR RECEIVER NULLING USING COHERENT TRANSMIT SIGNALS**
[54] **PROCEDE ET SYSTEME D'EXTINCTION AU RECEPTEUR A L'AIDE DE SIGNAUX D'EMISSION COHERENTS**
[72] DINH, ERIK LEE, US
[72] BERGMAN, ADAM S., US
[72] SOTO, MANUEL A., US
[72] STRZELEC, STANLEY A., US
[73] TYCO FIRE & SECURITY GMBH, CH
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[54] **USE OF NO-BAKE MOLD PROCESS TO MANUFACTURE RAILROAD COUPLERS**
[54] **UTILISATION D'UN PROCEDE DE MOULAGE A FROID POUR FABRIQUER DES COUPLEURS DE CHEMIN DE FER**
[72] NIBOUAR, ANDREW F., US
[72] SMERECKY, JERRY R., US
[72] SELLBERG, RONALD P., US
[72] GIBEAUT, ARTHUR A., US
[73] BEDLOE INDUSTRIES LLC, US
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[54] **METHOD AND APPARATUS FOR VACUUM-FORMED DENTAL APPLIANCE**
[54] **PROCEDE ET APPAREIL POUR APPAREIL DENTAIRE FORME SOUS VIDE**
[72] FRANTZ, JOSEPH LEE, US
[72] FRANTZ, DONALD E., US
[73] FRANTZ DESIGN, INC., US
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[54] **COMPOSITION DE REVETEMENT CONTENANT DU CARBONATE DE CALCIUM SUBMICRONIQUE**
[72] GANE, PATRICK A. C., CH
[72] GYSAU, DETLEF, CH
[72] SAUNDERS, GEORGE, US
[72] MCJUNKINS, JOSEPH, US
[73] OMYA INTERNATIONAL AG, CH
[85] 2012-07-17
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[54] **SYSTEME ET METHODE POUR METTRE A JOUR UNE LISTE DE CONTACTS**
[72] BACCAY, PETER EYMARD, US
[72] MIKHEYENOK, IRINA, US
[72] RABONZA, MARY ELAINE, US
[73] BLACKBERRY LIMITED, CA
[86] (2788920)
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[54] **ALERTE POUR DES JEUX SUR LA PLATEFORME MOBILE**
[72] ALDERUCCI, DEAN P., US
[72] MILLER, MARK, US
[72] PLOTT, CHARLES, US
[73] CFPH, LLC, US
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[25] EN
[54] **SYSTEMS AND DEVICES FOR REMOTELY OPERATED UNMANNED AERIAL VEHICLE REPORT-SUPPRESSING LAUNCHER WITH PORTABLE RF TRANSPARENT LAUNCH TUBE**
[54] **SYSTEMES ET DISPOSITIFS POUR UN LANCEUR A SUPPRESSION DE DETONATION DE VEHICULE AERIEN TELEGUIDE DOTE D'UN TUBE DE LANCEMENT TRANSPARENT RF PORTATIF**
[72] MIRALLES, CARLOS THOMAS, US
[72] SU, GUAN H., US
[72] ANDRYUKOV, OLEKSANDR, US
[72] MCNEIL, JOHN, US
[73] AEROVIRONMENT, INC., US
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[54] **HYDROGEN RELEASE SYSTEM**
[54] **SYSTEME DE DEGAGEMENT D'HYDROGENE**
[72] PIERCE, JORDAN CHRISTOPHER, AU
[72] GREAVES, MATTHEW CAMPBELL, AU
[72] MOROZ, STEPHANIE MAYA, AU
[72] DUGUID, ANDREW CHARLES, AU
[72] KNIGHT, ALEXANDER WARNER, AU
[73] HYDREXIA PTY LTD, AU
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[25] EN
[54] **SILICON-CONTAINING BIODEGRADABLE MATERIAL FOR ANTI-INFLAMMATORY THERAPY**
[54] **MATERIAU BIOLOGIQUEMENT DEGRADABLE CONTENANT DU SILICIUM DESTINE A UNE THERAPIE ANTI-INFLAMMATOIRE**
[72] BAECKER, IWER, DE
[72] SUSCHECK, CHRISTOPH, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
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[30] DE (10 2010 008 982.6) 2010-02-24

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[54] **DC HIGH-VOLTAGE SOURCE AND PARTICLE ACCELERATOR**
[54] **SOURCE DE HAUTE TENSION CONTINUE ET ACCELERATEUR DE PARTICULES**
[72] HEID, OLIVER, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2012-08-22
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[87] (WO2011/104082)
[30] DE (10 2010 008 995.8) 2010-02-24

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[54] **DISPOSITIF D'AGRANDISSEMENT DE MOIRE**
[72] HOLMES, BRIAN WILLIAM, GB
[73] DE LA RUE INTERNATIONAL LIMITED, GB
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[51] **Int.Cl. C12M 3/00 (2006.01) C12M 1/26 (2006.01)**
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[54] **BOITE MULTI-REACTEURS POUR CULTURE CELLULAIRE DYNAMIQUE**
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[72] BAUDOIN, REGIS, FR
[72] LECLERC, ERIC, FR
[72] PROT, JEAN-MATTHIEU, FR
[72] PAULLIER, PATRICK, FR
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[54] **PROCEDE ET SYSTEME POUR ATTENUER L'EFFET D'INTERFERENCE AFFECTANT LES SYSTEMES INTEGRES DE DETECTION DE METAUX/SURVEILLANCE ELECTRONIQUE D'ARTICLES**
[72] SOTO, MANUEL A., US
[72] DINH, ERIK LEE, US
[72] BERGMAN, ADAM S., US
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[54] **MATERIAUX COMPOSITES RECYCLES ET PROCEDES S'Y RAPPORTANT**
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[72] LILLY, DON, US
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[54] **ARTICLE POUR FUMEUR AVEC UN MATERIAU DE FEUILLE THERMORESISTANT**
[72] POGET, LAURENT, CH
[72] MALGAT, ALEXANDRE, FR
[72] SORG, CHRISTOPH, DE
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[54] **NOTE HIERARCHIQUE RAPIDE PERMETTANT DE TRANSCRIRE DES PHRASES DE CODE DICTEES POUR EN FAIRE DES CLAUSES STANDARD**
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[54] **PROCEDE DE COMMANDE D'HEURES DE CHANGEMENT DE CONFIGURATION DANS DISPOSITIF SANS FIL**
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[72] XING, LONGDA, US
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[73] BLANKING SYSTEMS, INC., US
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[72] REYES, CARLOS D., US
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[54] **COMPOSITIONS DE DISPERSIONS DE PIGMENT A BASE DE SOLVANT A FAIBLE COV POUR COLORER DES REVETEMENTS A BASE DE SOLVANT**
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[72] RICCARDI, STEVEN PAUL, US
[72] GOLDBERG, DANIEL, US
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[54] **PROCEDE D'OXYDATION BIOCATALYTIQUE A L'AIDE D'UN PRODUIT GENIQUE ALKL**
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[72] SCHMID, ANDREAS, DE
[72] BUEHLER, BRUNO, DE
[72] HENNEMANN, HANS-GEORG, DE
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[54] **CATHETER PERMETTANT UN DOSAGE VARIABLE D'UN AGENT ACTIF**
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[72] STROLE, GRIFFIN, US
[72] TREMBLAY, ALAIN, CA
[73] CAREFUSION 2200, INC., US
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[54] **COMPOSITION PHARMACEUTIQUE D'IBUPROFENE POUR INJECTION**
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[72] ORTUZAR GUTIERREZ, MARIO, ES
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[72] MOALEM, IZIK, IL
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[54] **MECANISMES DE RETRACTION D'AIGUILLE DE DISPOSITIF D'ADMINISTRATION DE FLUIDE, CARTOUCHES ET JOINTS FLUIDIQUES ETANCHES EXTENSIBLES**
[72] LEVESQUE, STEVEN, F., US
[72] JENKINS, GEOFFREY, H., US
[72] STANDLEY, ROBERT, L., US
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[72] HUGGETT, IAN, GB
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[73] QINETIQ LIMITED, GB
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[54] **SYSTEME DE SUPPORT MULTICOUCHE**
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[72] LINA, CESAR, US
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[73] KCI LICENSING, INC., US
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[54] **HETEROARYLES BICYCLIQUES FORMANT INHIBITEURS DE LA KINASE ET PROCEDES D'UTILISATION**
[72] GELBARD, HARRIS A., US
[72] DEWHURST, STEPHEN, US
[72] GOODFELLOW, VAL S., US
[72] WIEMANN, TORSTEN, US
[72] RAVULA, SATHEESH BABU, US
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[54] **AGENT DE STABILISATION DE LIGNINASES**
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[72] YAMADA, TATSUHIKO, JP
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[54] **UNE COMPOSITION PHARMACEUTIQUE POUR UNE APPLICATION TOPIQUE COMPRENANT UN AGENT MITOGENETIQUE ET UN OU PLUSIEURS AGENTS BACTERICIDES ET BACTERIOSTATIQUES**
[72] VADREVU, KRISHNA MOHAN, IN
[72] PELLURI, VENKATA CHERISH BABU, IN
[72] SHARMA, KHAJESH, IN
[73] BHARAT BIOTECH INTERNATIONAL LIMITED, IN
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[54] **A PROCESS FOR SELECTIVE REMOVAL OF A PRODUCT FROM A GASEOUS SYSTEM**
[54] **PROCEDE ET REACTEUR PERMETTANT DE RETIRER SELECTIVEMENT UN PRODUIT D'UN SYSTEME GAZEUX**
[72] PANZA, SERGIO, IT
[73] CASALE SA, CH
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[54] **COMPOSES HETEROARYLES ET LEURS PROCEDES D'UTILISATION**
[72] CAMPBELL, JOHN EMMERSON, US
[72] HEWITT, MICHAEL CHARLES, US
[72] JONES, PHILIP, US
[72] XIE, LINGHONG, US
[73] SUNOVION PHARMACEUTICALS INC., US
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[54] **METHODE DE SEQUENCAGE D'ADN PAR POLYMERISATION**
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[54] **PREPARATION D'ACIDES NUCLEIQUES A PARTIR DE DIFFERENTS TYPES D'ECHANTILLONS DE LIQUIDE BIOLOGIQUE**
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[54] **SYSTEMES AUTOMATISES POUR LE RETRAIT D'ECHANTILLONS TISSULAIRES DE SEMENCES, ET PROCEDES ASSOCIES**
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[72] ONDES, ALLEN N., US
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[54] **PROCEDE DE FILTRATION POUR FAIRE FONCTIONNER UN MODULE DE FILTRATION AVEC UNE ALIMENTATION GAZEUSE AU NIVEAU DE SON COTE DU PERMEAT POUR EMPECHER LE REFLUX DU PERMEAT**
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[54] PROCEDE DE PRODUCTION D'UN DERIVE HETEROCYCLIQUE SUBSTITUE PAR UN PHENYLE A L'AIDE D'UN PROCEDE DE COUPLAGE UTILISANT UN COMPOSE DE PALLADIUM
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[73] TEIJIN PHARMA LIMITED, JP
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[54] **APPAREILS ET PROCEDES D'OBTURATION ET DE REOUVERTURE D'UNE CONDUITE**
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[73] DEEP SEA INNOVATIONS, LLC, US
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[54] **PROCEDE ET APPAREIL DE STERILISATION**
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[72] DASSIE, NANCY, CA
[72] MARTEL, KARINE, CA
[72] MARTEL, CYNTHIA, CA
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[54] **SYSTEME ET PROCEDE DE SEPARATION DU DIOXYDE DE CARBONE**
[72] HALL, JOHN C., US
[72] GALASSO, D. ANTHONY, US
[72] MAGNUSON, JON A., US
[73] THE BOEING COMPANY, US
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[54] **APPAREIL DE FERMETURE RAPIDE MAINS LIBRES**
[72] KAUFMAN, STEVEN, US
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[54] **COMPOSES AMINES POUR LA PREPARATION SELECTIVE D'ECHANTILLONS BIOLOGIQUES**
[72] WILL, STEPHEN GORDON, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **PROCEDE ET SYSTEME DE CONTROLE D'UNE CHAINE D'APPROVISIONNEMENT DE PRODUITS**
[72] KOTLER, JASON S. T., CA
[72] WROBEL, MIROSLAW C., CA
[73] SONOVUM AG, DE
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[54] **CAP, CAP/CONTAINER COMBINATION**
[54] **BOUCHONS ET CONTENANT POUR LESDITS BOUCHONS**
[72] REINDERS, ROBERT C., US
[73] REINDERS, ROBERT C., US
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[54] **APPARATUS AND METHOD FOR DETECTING CAUSE OF RADIO LINK FAILURE OR HANDOVER FAILURE IN MOBILE COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE ADAPTES POUR DETECTER LA CAUSE D'UNE RUPTURE DE LA LIAISON RADIO OU D'UNE RUPTURE D'UN TRANSFERT INTERCELLULAIRE DANS UN SYSTEME DE COMMUNICATION MOBILE**
[72] XU, LIXIANG, CN
[72] VAN LIESHOUT, GERT-JAN, NL
[72] VAN DER VELDE, HIMKE, NL
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **CHAUSSURE PERMEABLE A LA VAPEUR, POURVUE D'UNE SEMELLE IMPERMEABLE A L'EAU ET PERMEABLE A LA VAPEUR**
[72] POLEGATO MORETTI, MARIO, IT
[73] GEOX S.P.A., IT
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[54] **PROCEDE POUR L'HYDROTRAITEMENT DE MATIERES VEGETALES**
[72] VENDERBOSCH, ROBERTUS HENDRIKUS, NL
[72] ARDIYANTI, AGNES RETNO, NL
[72] HEERES, HERO JAN, NL
[72] YAKOVLEV, VADIM, RU
[72] ERMAKOV, DMITRY, RU
[72] KHROMOVA, SOFIA, RU
[72] PARMON, VALENTIN, RU
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[54] **ROTATING CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE ROTATIF**
[72] SOKOL, JONATHAN P., US
[72] WAGONER, DANNY W., US
[72] BAILEY, THOMAS F., US
[72] RIOS, ARISTEO, III, US
[72] CHAMBERS, JAMES W., US
[72] HANNEGAN, DON M., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **FABRICATION DE DETERGENTS PARTICULAIRES ENROBES**
[72] BONSALL, JUDITH MARIA, GB
[72] MOORE, PHILIP RONALD, GB
[73] UNILEVER PLC, GB
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[54] **LAUNDRY DETERGENT PARTICLES**
[54] **PARTICULES DE DETERGENT A LESSIVE**
[72] BATCHELOR, STEPHEN NORMAN, GB
[72] CHAPPLE, ANDREW PAUL, GB
[72] KENINGLEY, STEPHEN THOMAS, GB
[73] UNILEVER PLC, GB
[85] 2013-04-05
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[54] **LAUNDRY DETERGENT PARTICLE**
[54] **PARTICULE DE DETERGENT A LESSIVE**
[72] BATCHELOR, STEPHEN NORMAN, GB
[72] CHAPPLE, ANDREW PAUL, GB
[72] KENINGLEY, STEPHEN THOMAS, GB
[73] UNILEVER PLC, GB
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[54] **PLONGEUR POUR POMPES DE FOND DE TROU**
[72] GABRIEL, RON, US
[73] LUBRI-PUMP, INC., US
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[54] **SUSTAINED-RELEASE FORMULATION FOR INJECTION**
[54] **FORMULATION A LIBERATION PROLONGEE POUR INJECTION**
[72] NAKAGAWA, TAKASHI, JP
[72] KOSEKI, NORIMASA, JP
[73] DAINIPPON SUMITOMO PHARMA CO., LTD., JP
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[54] **SORTIE MULTIPOLAIRE POUR SYSTEME DE RACCORDEMENT CONDUCTEUR**
[72] AFFELTRANGER, WALTER, CH
[73] BKS ENGINEERING AG, CH
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[54] **LATCHING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE VERROUILLAGE**
[72] NAS, STEPHANUS WILHELMUS MARIA, MY
[72] ANDERSON, WAYBOURN J., JR., US
[72] GRAY, KEVIN LEON, US
[72] BAILEY, THOMAS F., US
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[54] **SUCTION ROLL FOR DEWATERING A FIBROUS WEB**
[54] **CYLINDRE ASPIRANT POUR DESHYDRATER UNE BANDE DE MATIERE FIBREUSE**
[72] PETSCHAUER, FRANZ, AT
[73] ANDRITZ AG, AT
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[54] **DEVICE AND METHOD FOR DRYING FIBROUS MATERIAL**
[54] **DISPOSITIF ET PROCEDE DE SECHAGE DE MATIERE FIBREUSE**
[72] PETSCHAUER, FRANZ, AT
[72] HANSEN, STEFAN, AT
[72] POSCHL, KLAUS, AT
[73] ANDRITZ AG, AT
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[54] **USE AND METHOD OF REDUCING VALVE DEPOSITS IN AN ENGINE**
[54] **UTILISATION ET METHODE DE REDUCTION DE DEPOTS DE SOUPAPE DANS UN MOTEUR**
[72] MORCOS, MICHELLE, US
[72] TOMAN, JEFFREY J., US
[72] PARSINEJAD, FARZAN, US
[73] CHEVRON ORONITE COMPANY LLC, US
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[54] **SYSTEME POUR FUMEURS ELECTRIQUEMENT CHAUFFE COMPRENANT AU MOINS DEUX UNITES**
[72] FERNANDO, FELIX, GB
[72] CHEMLA, MARC-ROBERT, CH
[72] STAHLE, FREDRIK, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **ADDITIF POUR ALIMENTS DU BETAIL A BASE DE METABISULFITE DE SODIUM A ENROBAGE GASTRORESISTANT UTILISE POUR LA DETOXICATION DE LA VOMITOXINE**
[72] COOK, DOUGLAS R., US
[72] ADAMS, KEITH, US
[73] PROVIMI NORTH AMERICA, INC., US
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[54] **AUBE MOBILE DE TURBOMACHINE ET TURBOMACHINE ASSOCIEE**
[72] COLLIN, YANNICK, FR
[72] LARDELLIER, THOMAS, FR
[72] MATHIEU, DAVID, FR
[72] TRAHOT, DENIS, FR
[72] REMY, CHRISTOPHE, BE
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[54] **STORAGE DEVICE WITH LOCKING MECHANISM**
[54] **DISPOSITIF DE STOCKAGE COMPORTANT UN MECANISME DE VERROUILLAGE**
[72] SLOGOFF, SHELLY L., US
[72] KING, ROBERT R., US
[73] TOUCHPOINT MEDICAL, INC., US
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[54] **VALVE AND VALVE CARTRIDGE ASSEMBLY THEREOF**
[54] **VANNE ET SYSTEME INTERIEUR DE VANNE CORRESPONDANT**
[72] QIAN, ZUOCHENG, CN
[72] YUAN, FANG, CN
[72] MARTIN, THORNHILL, GB
[72] GINO, LUTZU, GB
[73] SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD., CN
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[54] **GUIDE DE PROGRAMME DE TELEVISION INTERACTIF AVEC ACCES A DISTANCE**
[72] ELLIS, MICHAEL D., US
[72] THOMAS, WILLIAM L., US
[72] HASSELL, JOEL G., US
[72] LEMMONS, THOMAS R., US
[72] BEREZOWSKI, DAVID M., US
[72] KNEE, ROBERT A., US
[72] MCCOY, ROBERT H., US
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[73] MUDDY RIVER, SERIES 97 OF ALLIED SECURITY TRUST I, US
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[54] **OPTICAL TRANSCEIVER, OPTICAL NETWORK UNIT, AND OPTICAL TRANSCEIVER CONTROL METHOD**
[54] **APPAREIL EMETTEUR/RECEPTEUR OPTIQUE, EQUIPEMENT SUR LE COTE STATION CLIENT ET PROCEDE DE CONTROLE D'UN APPAREIL EMETTEUR/RECEPTEUR OPTIQUE**
[72] YUDA, SHUITSU, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[25] EN
[54] **METHODS AND APPARATUS FOR CRYOGENIC TREATMENT OF A BODY CAVITY OR LUMEN**
[54] **PROCEDES ET APPAREIL POUR TRAITEMENT CRYOGENIQUE D'UN CONDUIT OU D'UNE CAVITE CORPORELLE**
[72] BURNETT, DANIEL ROGERS, US
[72] NEIL, BRIAN MICHAEL, US
[72] MALECKI, WILLIAM WALTER, US
[72] KOCH, KATHLEEN MARIE, US
[72] LEE, GREGORY JIN-KENG, US
[73] CHANNEL MEDSYSTEMS, INC., US
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[30] US (61/462,328) 2011-02-01
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[54] **PROCESS FOR PRODUCING MINERAL OIL FROM UNDERGROUND FORMATIONS**
[54] **PROCEDE POUR L'EXPLOITATION DE PETROLE A PARTIR DE FORMATIONS SOUTERRAINES**
[72] REICHENBACH-KLINKE, ROLAND, DE
[72] ASSMANN, ANDREA, DE
[72] LANGLOTZ, BJORN, DE
[72] SPINDLER, CHRISTIAN, US
[72] GIESBRECHT, RUSSELL, CA
[73] BASF SE, DE
[73] BASF CANADA INC., CA
[85] 2013-08-06
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[51] **Int.Cl. A61F 7/12 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR COOLING A TISSUE VOLUME DURING THERMAL THERAPY TREATMENT**
[54] **APPAREIL ET PROCEDE POUR REFROIDIR UN VOLUME TISSULAIRE PENDANT UN TRAITEMENT DE THERAPIE THERMIQUE**
[72] BRONSKILL, MICHAEL, CA
[72] CHOPRA, RAJIV, CA
[73] SUNNYBROOK HEALTH SCIENCES CENTRE, CA
[85] 2013-08-07
[86] 2011-06-27 (PCT/US2011/041935)
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[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING THE ELECTRICAL IMPEDANCE PROPERTIES OF GEOLOGICAL FORMATIONS USING MULTIPLE SIMULTANEOUS CURRENT SOURCES**
[54] **PROCEDE ET APPAREIL PERMETTANT DE MESURER LES PROPRIETES D'IMPEDANCE ELECTRIQUE DE FORMATIONS GEOLOGIQUES A L'AIDE DE MULTIPLES SOURCES DE COURANT SIMULTANEES**
[72] LABRECQUE, DOUGLAS JOHN, US
[73] MULTI-PHASE TECHNOLOGIES, LLC, US
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[54] **WEDGE CLAMP FOR SECURING SAFETY GUARDS AROUND INDUSTRIAL EQUIPMENT**
[54] **DISPOSITIF DE SERRAGE A COIN POUR FIXER DES GAINES DE PROTECTION AUTOUR D'UN EQUIPEMENT INDUSTRIEL**
[72] VANDERGEEST, PAUL, CA
[72] VANDERGEEST, KAREN, CA
[73] VANDERGEEST INC., CA
[86] (2828665)
[87] (2828665)
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[25] EN
[54] **PRIMARY AMINE DIAZENIUMDIOLATE HETEROCYCLIC DERIVATIVES**
[54] **DERIVES HETEROCYCLIQUES DE DIAZENIUMDIOLATE A BASE D'AMINE PRIMAIRE**
[72] SHAH, SHRENIK K., US
[72] ALI, AMJAD, US
[72] LO, MICHAEL MAN-CHU, US
[72] WHITEHEAD, BRENT, US
[72] HENDERSON, TIMOTHY J., US
[72] YAN, LIN, US
[72] GUO, ZHIQIANG, US
[73] MERCK SHARP & DOHME CORP., US
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[54] **SYSTEM AND METHOD FOR SECURELY BINDING AND NODE-LOCKING PROGRAM EXECUTION TO A TRUSTED SIGNATURE AUTHORITY**
[54] **SYSTEME ET PROCEDE D'EXECUTION DE PROGRAMME A LIAISON ET A BLOCAGE DE NOEUD SECURISES POUR UN SIGNATAIRE AUTORISE DE CONFIANCE**
[72] BODIS, MICHAEL LOUIS JOHN, CA
[72] SUI, JIAYUAN, CA
[72] GOODES, GRANT STEWART, CA
[72] LIEM, CLIFFORD, CA
[73] IRDETO B.V., NL
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[54] **SEALING ASSEMBLY HAVING SEAL SLEAVE**
[54] **ASSEMBLAGE ETANCHE COMPORTANT UN ENCHEVETREMENT DE JOINT**
[72] LEUCHTENBERG, CHRISTIAN, SG
[72] MACGREGOR, ALEXANDER JOHN, SG
[73] MANAGED PRESSURE OPERATIONS PTE LTD, SG
[85] 2013-09-20
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[25] EN
[54] **COMPOSITION COMPRISING A DIINDOLYLMETHANE AND A RETINOID TO TREAT A SKIN CONDITION**
[54] **COMPOSITION COMPRENANT UN DI-INDOLYLMETHANE ET UN RETINOIDE POUR LE TRAITEMENT D'UNE AFFECTION CUTANEE**
[72] ALPERT, DAVID, GB
[73] SKINTECH LIFE SCIENCE LIMITED, GB
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[25] EN
[54] **COMPRESSIBLE HEART VALVE ANNULUS SIZING TEMPLATES**
[54] **MODELES DE DIMENSIONNEMENT DE L'ANNULUS DE VALVES CARDIAQUES COMPRESSIBLES**
[72] WINSTON, MATTHEW T., US
[72] CHANG, DA-YU, US
[72] CAMPBELL, LOUIS A., US
[72] DAVIDSON, JAMES A., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **A DEVICE FOR DETECTING AN ANALYTE**
[54] **DISPOSITIF DE DETECTION D'UN ANALYTE**
[72] ROSS, STEVE, GB
[72] RICHARDS, JULIE, GB
[72] CARTER, TIM, GB
[73] VIVACTA LIMITED, GB
[85] 2013-10-01
[86] 2012-04-05 (PCT/GB2012/050772)
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[25] EN
[54] **BIO-RENEWABLE FAST CRYSTALLIZING PHASE CHANGE INKS**
[54] **ENCRES DE CHANGEMENT DE PHASE A CRISTALLISATION RAPIDE BIO-RENOUVELABLES**
[72] GOREDEMA, ADELA, CA
[72] BELELIE, JENNIFER L., CA
[72] MORIMITSU, KENTARO, CA
[72] IFTIME, GABRIEL, CA
[72] CARLINI, RINA, CA
[72] TUREK, CAROLINE M., CA
[72] TRACY, COREY L., CA
[72] BAMSEY, NATHAN M., CA
[73] XEROX CORPORATION, US
[86] (2832618)
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[51] **Int.Cl. C07K 14/33 (2006.01) A61K 39/08 (2006.01) C07K 16/12 (2006.01)**
[25] EN
[54] **COMPOSITIONS RELATING TO A MUTANT CLOSTRIDIUM DIFFICILE TOXIN AND METHODS THEREOF**
[54] **COMPOSITIONS CONCERNANT UNE TOXINE MUTANTE DE CLOSTRIDIUM DIFFICILE ET PROCEDES ASSOCIES**
[72] SIDHU, MANINDER K., US
[72] ANDERSON, ANNALIESA SYBIL, US
[72] DONALD, ROBERT G. K., US
[72] JANSEN, KATHRIN UTE, US
[72] KALYAN, NARENDER K., US
[72] MININNI, TERRI L., US
[72] MORAN, JUSTIN KEITH, US
[72] RUPPEN, MARK E., US
[72] FLINT, MICHAEL JAMES, US
[73] WYETH LLC, US
[85] 2013-10-08
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[25] EN
[54] **METHOD FOR OPTIMIZING SCHEDULE COMPRESSION IN PROJECTS USING ACCELERATING AND OVERLAPPING OF ACTIVITIES**
[54] **PROCEDE PERMETTANT D'OPTIMISER LA COMPRESSION DES ECHEANCIERS DE PROJETS AU MOYEN DE L'ACCELERATION ET DU CHEVAUCHEMENT DES ACTIVITES**
[72] HAZINI BAHRAM ABADI, KAMRAN, CA
[72] DEHGHAN, REZA, CA
[73] HAZINI BAHRAM ABADI, KAMRAN, CA
[73] DEHGHAN, REZA, CA
[86] (2832806)
[87] (2832806)
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[51] **Int.Cl. C12N 9/40 (2006.01) A61K 38/47 (2006.01) A61P 3/00 (2006.01) C12N 15/56 (2006.01)**
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[54] **TREATMENT OF .ALPHA.-GALACTOSIDASE A DEFICIENCY**
[54] **TRAITEMENT D'UNE DEFICIENCE D'ALPHA-GALACTOSIDASE A**
[72] SELDEN, RICHARD F, US
[72] BOROWSKI, MARIANNE, US
[72] KINOSHITA, CAROL M., US
[72] TRECO, DOUGLAS A., US
[72] WILLIAMS, MELANIE D., US
[72] SCHUETZ, THOMAS J., US
[72] DANIEL, PETER FRANCIS, US
[73] SHIRE HUMAN GENETIC THERAPIES, INC., US
[86] (2833396)
[87] (2833396)
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[62] 2,365,923
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[25] EN
[54] **IMAGE DECODING METHOD, IMAGE CODING METHOD, IMAGE DECODING APPARATUS, IMAGE CODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE DECODAGE D'IMAGE, PROCEDE DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
[72] MATSUNOBU, TORU, JP
[73] SUN PATENT TRUST, US
[85] 2013-10-21
[86] 2012-06-22 (PCT/JP2012/004051)
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[51] **Int.Cl. C04B 24/32 (2006.01)**
[25] EN
[54] **CARBOXYLATED-CARBOXYLIC POLYGLYCEROL COMPOSITIONS FOR USE IN CEMENTITIOUS COMPOSITIONS**
[54] **COMPOSITIONS DE POLYGLYCEROL CARBOXYLIQUE-CARBOXYLE POUVANT ETRE UTILISEES DANS DES COMPOSITIONS CIMENTAIRES**
[72] KUO, LAWRENCE L., US
[72] GOC-MACIEJEWSKA, IZABELA, PL
[72] FAIVRE, ROMAIN, PL
[73] GCP APPLIED TECHNOLOGIES INC., US
[85] 2013-10-31
[86] 2012-04-18 (PCT/US2012/033989)
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[51] **Int.Cl. H04W 16/14 (2009.01) H04W 16/10 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MOBILE STATION-ASSISTED INTERFERENCE MITIGATION**
[54] **SYSTEME ET PROCEDE D'ATTENUATION DES INTERFERENCES ASSISTEE PAR UNE STATION MOBILE**
[72] GAGE, WILLIAM ANTHONY, CA
[72] NOVAK, ROBERT, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-11-01
[86] 2011-05-10 (PCT/CA2011/050285)
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[51] **Int.Cl. F42D 1/04 (2006.01) F42B 3/26 (2006.01)**
[25] EN
[54] **CANISTERS WITH INTEGRAL LOCKING MEANS AND CAST BOOSTER EXPLOSIVES COMPRISING THE SAME**
[54] **BOITES DOTEES D'UN MOYEN DE VERROUILLAGE INTEGRE ET EXPLOSIFS MIS EN □UVRE PAR COULEE A DETONATEUR AUXILIAIRE COMPRENANT CELLES-CI**
[72] MOST, MICHAEL RAY, US
[72] RIVERA, LEONARDO GABRIEL, US
[72] SHANK, LAWRENCE J., III, US
[73] DYNO NOBEL INC., US
[85] 2013-11-05
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[25] FR
[54] **HYDRO-ELECTRIC POWER PLANT COMPRISING A GRATING ASSEMBLY FOR TAKING WATER INTO THE TURBINE, WHICH IS DESIGNED TO DISCHARGE FLOATING DEBRIS STOPPED BY THE GRATING**
[54] **CENTRALE HYDRAULIQUE COMPORTANT UN ENSEMBLE A GRILLE D'ADMISSION D'EAU DANS LA TURBINE AGENCE POUR EVACUER DES DEBRIS FLOTTANTS ARRETES PAR LA GRILLE**
[72] FONKENELL, JACQUES, FR
[73] MJ2 TECHNOLOGIES, FR
[85] 2013-11-15
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[51] **Int.Cl. B65G 43/08 (2006.01) B65G 47/14 (2006.01)**
[25] EN
[54] **DEVICE FOR SEPARATING PIECE GOODS TO BE STORED IN AN AUTOMATED STORAGE FACILITY**
[54] **DISPOSITIF DE SEPARATION DE COLIS ISOLES DEVANT ETRE STOCKES DANS UN ENTREPOT AUTOMATISE**
[72] HELLENBRAND, CHRISTOPH, DE
[72] FURTNER, UWE, DE
[72] BOESNACH, INGO, DE
[72] HOSCHLE, FRANK, DE
[72] CARBONELL ZARAGOZA, MARTA, DE
[73] BECTON DICKINSON ROWA GERMANY GMBH, DE
[85] 2013-11-21
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[51] **Int.Cl. A61M 16/00 (2006.01) A61M 15/00 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **OSCILLATING POSITIVE EXPIRATORY PRESSURE DEVICE**
[54] **DISPOSITIF A PRESSION EXPIRATOIRE POSITIVE OSCILLANTE**
[72] MEYER, ADAM, CA
[72] ENGELBRETH, DANIEL, CA
[73] TRUDELL MEDICAL INTERNATIONAL, CA
[85] 2013-11-21
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[25] EN
[54] **ACCESS POINT FOR DEVICE-ASSISTED INTERFERENCE MANAGEMENT IN HETEROGENEOUS WIRELESS CELLULAR SYSTEMS**
[54] **POINT D'ACCES POUR GESTION DE BROUILLAGE ASSISTEE PAR DISPOSITIF DANS DES SYSTEMES CELLULAIRES SANS FIL HETEROGENES**
[72] NOVAK, ROBERT, CA
[72] BONTU, CHANDRA SEKHAR, CA
[72] PERIYALWAR, SHALINI SURESH, CA
[73] BLACKBERRY LIMITED, CA
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[25] EN
[54] **VIBRATORY FLOW METER AND ZERO CHECK METHOD**
[54] **DEBITMETRE VIBRATOIRE ET PROCEDE DE VERIFICATION DE ZERO**
[72] PATTEN, ANDREW TIMOTHY, US
[72] HAYS, PAUL J., US
[72] LANE, STEPHANIE A., US
[73] MICRO MOTION, INC., US
[85] 2013-11-28
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[51] **Int.Cl. F16K 1/30 (2006.01)**
[25] FR
[54] **FILLING CONNECTOR, CONTAINER, FILLING METHOD AND FILLING NOZZLE**
[54] **RACCORD DE REMPLISSAGE, RECIPIENT, PROCEDE DE REMPLISSAGE ET PRISE DE CONDITIONNEMENT**
[72] FRENAL, ANTOINE, FR
[72] MANSCOURT, CYRIL, FR
[72] PISOT, PHILIPPE, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[51] **Int.Cl. A61K 39/36 (2006.01) A61P 37/08 (2006.01) C07K 14/415 (2006.01)**
[25] EN
[54] **CONTIGUOUS OVERLAPPING PEPTIDES FOR TREATMENT OF RAGWEED POLLEN ALLERGY**
[54] **PEPTIDES CONTIGUS SE CHEVAUCHANT DESTINES AU TRAITEMENT DE L'ALLERGIE AU POLLEN D'AMBROISIE**
[72] REYMOND, CHRISTOPHE, CH
[72] SPERTINI, FRANCOIS, CH
[73] ANERGIS S.A., CH
[85] 2013-12-18
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[54] **FIBER OPTIC DROP CABLES AND PRECONNECTORIZED ASSEMBLIES HAVING TONING PORTIONS**
[54] **CABLES DE DERIVATION A FIBRES OPTIQUES ET SYSTEMES MUNIS AU PREALABLE DE CONNECTEURS COMPORTANT DES SECTIONS DE FREQUENCAGE**
[72] MELTON, STUART R., US
[72] TRAN, HIEU V., US
[72] THOMPSON, DAVID A., US
[72] WAGMAN, RICHARD S., US
[72] GIMBLET, MICHAEL J., US
[72] LIU, XIN, US
[73] CORNING CABLE SYSTEMS LLC, US
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[54] **MEDIA RECOGNITION AND SYNCHRONISATION TO A MOTION SIGNAL**
[54] **RECONNAISSANCE ET SYNCHRONISATION DE CONTENU MULTIMEDIA SUR UN SIGNAL DE MOUVEMENT**
[72] MENARD, JEAN-FRANCOIS, CA
[72] LEMIEUX, PIERRE-ANTONY STIVELL, US
[73] D-BOX TECHNOLOGIES INC., CA
[85] 2014-01-06
[86] 2011-06-02 (PCT/CA2011/000660)
[87] (WO2012/009785)
[30] US (61/366,301) 2010-07-21

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[51] **Int.Cl. G01S 17/08 (2006.01) G01S 17/10 (2006.01) G01S 17/32 (2006.01) G01S 17/58 (2006.01) G01S 17/88 (2006.01)**
[25] EN
[54] **DETERMINATION OF AN ITEM OF DISTANCE INFORMATION FOR A VEHICLE**
[54] **DETERMINATION D'UN ELEMENT D'INFORMATION A DISTANCE POUR UN VEHICULE**
[72] WOHLENBERG, STEFAN, DE
[72] MEINECKE, MARC-MICHAEL, DE
[72] RUCHATZ, THOMAS, DE
[72] EFFERTZ, JAN, DE
[73] VOLKSWAGEN AG, DE
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[87] (2842814)
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[30] DE (10 2013 002 651.2) 2013-02-15

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[51] **Int.Cl. H04N 19/597 (2014.01) H04N 19/44 (2014.01) H04N 19/61 (2014.01)**
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[54] **MULTIVIEW VIDEO CODING**
[54] **CODAGE VIDEO MULTIVUE**
[72] CHEN, YING, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-01-24
[86] 2012-07-27 (PCT/US2012/048478)
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[30] US (61/512,771) 2011-07-28
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[25] EN
[54] **ENERGY CABLE HAVING A THERMOPLASTIC ELECTRICALLY INSULATING LAYER**
[54] **CABLE ELECTRIQUE COMPORTANT UNE COUCHE THERMOPLASTIQUE ELECTRIQUEMENT ISOLANTE**
[72] PEREGO, GABRIELE, IT
[73] PRYSMIAN S.P.A., IT
[85] 2014-01-27
[86] 2011-08-04 (PCT/IB2011/053478)
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[25] EN
[54] **EVERTABLE SHEATH DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS A GAINE POUVANT SUBIR UNE EVERSION, SYSTEMES ET PROCEDES**
[72] CULLY, EDWARD H., US
[72] IRWIN, CRAIG W., US
[72] SILVERMAN, JAMES D., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2014-01-28
[86] 2012-08-10 (PCT/US2012/050272)
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[30] US (61/523,186) 2011-08-12
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[25] EN
[54] **APPARATUS AND METHOD FOR SEALING A PIPE INCLUDING INTERNAL AND EXTERNAL GRIPPING MEANS**
[54] **APPAREIL ET PROCEDE PERMETTANT DE GARANTIR L'ETANCHEITE D'UNE CONDUITE COMPRENANT DES MOYENS DE PREHENSION INTERNE ET EXTERNE**
[72] BERUBE, GUY, CA
[72] CARSON, GLENN, CA
[73] CAR-BER INVESTMENTS INC., CA
[85] 2014-03-10
[86] 2012-09-06 (PCT/CA2012/050615)
[87] (WO2013/040699)
[30] US (61/536,625) 2011-09-20

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[51] **Int.Cl. F03D 1/00 (2006.01) B66C 1/10 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MOUNTING A ROTOR OF A WIND ENERGY PLANT**
[54] **PROCEDE ET DISPOSITIF DE MONTAGE D'UN ROTOR D'UNE EOLIENNE**
[72] MEYER, WOLFGANG, DE
[72] KUIPER, GERRIT, DE
[72] KNOOP, FRANK, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-03-14
[86] 2012-10-05 (PCT/EP2012/069785)
[87] (WO2013/050569)
[30] DE (10 2011 084 140.7) 2011-10-07

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[51] **Int.Cl. H05B 3/06 (2006.01) F24H 3/04 (2006.01) F24H 9/18 (2006.01) H05B 3/50 (2006.01)**
[25] EN
[54] **COOLING AND RETAINING BODY FOR HEATING ELEMENTS, HEATING APPLIANCE AND METHOD FOR PRODUCING A COOLING AND RETAINING BODY**
[54] **CORPS DE REFROIDISSEMENT ET DE MAINTIEN POUR ELEMENTS DE CHAUFFAGE, APPAREIL DE CHAUFFAGE ET PROCEDE POUR PRODUIRE UN CORPS DE REFROIDISSEMENT ET DE MAINTIEN**
[72] MANGOLD, ELMAR, DE
[73] STEGO-HOLDING GMBH, DE
[85] 2014-04-02
[86] 2012-10-22 (PCT/EP2012/070867)
[87] (WO2013/060645)
[30] DE (10 2011 054 750.9) 2011-10-24

[11] **2,851,605**
[13] C
[51] **Int.Cl. F03D 7/04 (2006.01) F03D 15/00 (2016.01) F03D 7/02 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A WIND TURBINE**
[54] **PROCEDE DE COMMANDE D'UN EOLIENNNE**
[72] GIERTZ, HELGE, DE
[72] DE BOER, WOLFGANG, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-04-09
[86] 2012-10-17 (PCT/EP2012/070601)
[87] (WO2013/060613)
[30] DE (10 2011 085 107.0) 2011-10-24

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[13] C
[51] **Int.Cl. H04B 10/073 (2013.01) G02B 6/34 (2006.01)**
[25] EN
[54] **TIME DIVISION MULTIPLEXING (TDM) AND WAVELENGTH DIVISION MULTIPLEXING (WDM) FAST-SWEEP INTERROGATOR**
[54] **INTERROGATEUR A BALAYAGE RAPIDE A MULTIPLEXAGE PAR REPARTITION DANS LE TEMPS ET MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE**
[72] TAVERNER, DOMINO, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2851854)
[87] (2851854)
[22] 2014-05-14
[30] US (61/824,274) 2013-05-16

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[51] **Int.Cl. C12N 5/00 (2006.01)**
[25] EN
[54] **ADDITION OF IRON TO IMPROVE CELL CULTURE**
[54] **AJOUT DE FER POUR AMELIORER UNE CULTURE CELLULAIRE**
[72] WANG, WENGE, US
[72] LUAN, YEN-TUNG, US
[72] DRAPEAU, DENIS, US
[72] NOLAN, RYAN P., US
[73] PFIZER INC., US
[85] 2014-04-11
[86] 2012-10-09 (PCT/IB2012/055457)
[87] (WO2013/057628)
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[51] **Int.Cl. C09B 69/10 (2006.01) C09B 1/02 (2006.01)**
[25] EN
[54] **CARMINE COLORANTS**
[54] **COLORANTS CARMIN**
[72] FARRUGIA, VALERIE M., CA
[72] BIRAU, MARIA, CA
[72] IFTIME, GABRIEL, CA
[73] XEROX CORPORATION, US
[86] (2852325)
[87] (2852325)
[22] 2014-05-21
[30] US (13/920164) 2013-06-18

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[51] **Int.Cl. G05B 19/042 (2006.01) H04W 88/02 (2009.01) H02P 31/00 (2006.01) H04B 5/00 (2006.01) H04B 7/24 (2006.01) H05B 1/02 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **A PROGRAMMABLE CONTROLLER AND METHOD, DEVICE AND SYSTEM FOR CONFIGURING AND UPDATING SAME**
[54] **UN CONTROLEUR PROGRAMMABLE ET METHODE, DISPOSITIF ET SYSTEME DE CONFIGURATION ET MISE A JOUR ASSOCIES**
[72] BROCHU, CHRISTIAN, CA
[72] LAFLAMME, BENOIT, CA
[73] GECKO ALLIANCE GROUP INC., CA
[86] (2852445)
[87] (2852445)
[22] 2014-05-23

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[13] C
[51] **Int.Cl. B29C 70/36 (2006.01)**
[25] EN
[54] **METHOD FOR THE MANUFACTURING OF A CLADDING ELEMENT FOR A PASSENGER CABIN OF A VEHICLE**
[54] **METHODE DE FABRICATION D'UN ELEMENT DE REVETEMENT POUR UNE CABINE PASSAGER D'UN VEHICULE**
[72] SZARSZEWSKI, MAIK, DE
[72] HOFFMANN, MATTHIAS, DE
[73] DIEHL AIRCABIN GMBH, DE
[86] (2852566)
[87] (2852566)
[22] 2014-05-21
[30] DE (102013010485.8) 2013-06-22
[30] DE (102013019355.9) 2013-11-19

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[13] C
[51] **Int.Cl. H01M 8/04276 (2016.01) H01M 8/18 (2006.01) H01M 2/38 (2006.01)**
[25] EN
[54] **INTERNAL CONVECTION CELL**
[54] **CELLULE A CONVECTION INTERNE**
[72] FRIESEN, CODY A., US
[72] KRISHNAN, RAMKUMAR, US
[72] FRIESEN, GRANT, US
[72] HAYES, JOEL, US
[73] NANTENERGY, INC., US
[85] 2014-04-22
[86] 2012-10-30 (PCT/US2012/062503)
[87] (WO2013/066829)
[30] US (61/555,982) 2011-11-04

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[51] Int.Cl. G01V 9/00 (2006.01) G01V 1/38 (2006.01) G01V 3/08 (2006.01) G01V 7/00 (2006.01)
[25] EN
[54] **EXPLORATION METHOD AND SYSTEM FOR DETECTION OF HYDROCARBONS**
[54] **PROCEDE D'EXPLORATION ET SYSTEME POUR DETECTION D'HYDROCARBURES**
[72] POTTORF, ROBERT J., US
[72] LAWSON, MICHAEL, US
[72] MAY, STEVEN R., US
[72] DREYFUS, SEBASTIEN L., US
[72] RAMAN, SUMATHY, US
[72] BOND, WILLIAM, US
[72] SRNKA, LEONARD J., US
[72] MEURER, WILLIAM P., US
[72] POWELL, WILLIAM G., US
[72] RUDOLPH, KURT W., US
[72] VANDEWATER, CHRISTOPHER, US
[72] CHERNEY, DANIEL, US
[72] ERTAS, MEHMET D., US
[72] ROBINSON, AMELIA, US
[72] REGBERG, AARON B., US
[72] N'GUESSAN, A. LUCIE, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2014-04-23
[86] 2012-11-09 (PCT/US2012/064548)
[87] (WO2013/071185)
[30] US (61/558,822) 2011-11-11
[30] US (61/595,394) 2012-02-06
[30] US (61/616,813) 2012-03-28
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[51] Int.Cl. A62C 99/00 (2010.01)
[25] EN
[54] **METHOD FOR EXTINGUISHING FIRE IN AN ENCLOSED ROOM AS WELL AS A FIRE EXTINGUISHING SYSTEM**
[54] **PROCEDE D'EXTINCTION D'UN INCENDIE DANS UN ESPACE FERME ET INSTALLATION D'EXTINCTION**
[72] WAGNER, ERNST-WERNER, DE
[73] AMRONA AG, CH
[85] 2014-04-24
[86] 2012-10-16 (PCT/EP2012/070483)
[87] (WO2013/083324)
[30] EP (11191891.8) 2011-12-05

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[25] EN
[54] **PRIMERS, PROBES AND METHODS FOR NUCLEIC ACID AMPLIFICATION**
[54] **AMORCES, SONDES ET PROCEDES D'AMPLIFICATION D'ACIDES NUCLEIQUES**
[72] WANGH, LAWRENCE J., US
[72] RICE, JOHN, US
[72] SANCHEZ, J. AQUILES, US
[72] PIERCE, KENNETH, US
[72] SALK, JESSE, US
[72] REIS, ARTHUR, US
[72] HARTSHORN, CRISTINA, US
[73] BRANDEIS UNIVERSITY, US
[86] (2855748)
[87] (2855748)
[22] 2005-10-17
[62] 2,584,569
[30] US (60/619,654) 2004-10-18

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[51] Int.Cl. H04N 19/184 (2014.01) H04N 19/172 (2014.01) H04N 19/177 (2014.01) H04N 19/50 (2014.01) H04N 19/503 (2014.01) H04N 19/70 (2014.01)
[25] EN
[54] **CODING LEAST SIGNFICANT BITS OF PICTURE ORDER COUNT VALUES IDENTIFYING LONG-TERM REFERENCE PICTURES**
[54] **CODAGE DE BITS DE POIDS FAIBLE DE VALEURS DE NUMERO D'ORDRE D'IMAGE IDENTIFIANT DES IMAGES DE REFERENCE A LONG TERME**
[72] WANG, YE-KUI, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] CHEN, YING, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-05-21
[86] 2012-11-30 (PCT/US2012/067355)
[87] (WO2013/082464)
[30] US (61/566,359) 2011-12-02
[30] US (61/589,295) 2012-01-20
[30] US (61/624,933) 2012-04-16
[30] US (13/689,547) 2012-11-29

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[13] C
[51] Int.Cl. B60J 3/02 (2006.01)
[25] EN
[54] **PORTABLE SUN VISOR WITH A PLURALITY OF ATTACHMENT MEMBERS**
[54] **PARE-SOLEIL PORTATIF AVEC UNE PLURALITE D'ELEMENT DE FIXATION**
[72] GUINA, DUANE, CA
[73] GUINA, DUANE, CA
[86] (2857414)
[87] (2857414)
[22] 2014-07-21
[30] US (61/867,310) 2013-08-19

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[13] C
[51] Int.Cl. A47C 17/60 (2006.01) A47B 85/00 (2006.01) A47C 17/52 (2006.01)
[25] EN
[54] **FOLDING BED FOR SPACE SAVING STORAGE WITHIN A CABINET**
[54] **LIT PLIANT PEU ENCOMBRANT LOGE DANS UNE ARMOIRE**
[72] FLORA, IQBAL SINGH, CA
[73] FLORA, IQBAL SINGH, CA
[86] (2857823)
[87] (2857823)
[22] 2014-07-24

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[13] C
[51] **Int.Cl. A61F 2/04 (2013.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ENDOVASCULARLY CLIPPING AND REPAIRING LUMEN AND TISSUE DEFECTS**
[54] **PROCEDES ET SYSTEMES D'AGRAFAGE ET DE REPARATION PAR VOIE ENDOVASCULAIRE D'ANOMALIES DANS DES LUMIERES OU DES TISSUS**
[72] ESKRIDGE, JOSEPH, US
[72] CLARKE, GILBERT, US
[72] PEASE, MATTHEW, US
[72] MAST, GREGORY MARTIN, US
[72] MUSKIVITCH, JOHN CONRAD, US
[73] PULSAR VASCULAR INC., US
[86] (2857828)
[87] (2857828)
[22] 2006-10-18
[62] 2,625,826
[30] US (60/728,052) 2005-10-19
[30] US (11/324,827) 2006-01-03
[30] US (60/747,400) 2006-05-16
[30] US (60/803,200) 2006-05-25
[30] US (60/823,730) 2006-08-28

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[13] C
[51] **Int.Cl. G06F 3/03 (2006.01) G06F 3/041 (2006.01) H04N 5/225 (2006.01)**
[25] EN
[54] **COMPUTING DEVICE USER PRESENCE DETECTION**
[54] **DETECTION DE PRESENCE D'UN UTILISATEUR AU MOYEN D'UN DISPOSITIF INFORMATIQUE**
[72] TABONE, RYAN, US
[72] STAAF, ANTON VALDEMAR, US
[73] GOOGLE LLC, US
[85] 2014-07-14
[86] 2013-01-17 (PCT/US2013/021922)
[87] (WO2013/109741)
[30] US (13/352,918) 2012-01-18

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[13] C
[51] **Int.Cl. B05B 7/14 (2006.01) B05D 1/12 (2006.01)**
[25] EN
[54] **COLD SPRAY DEVICE AND SYSTEM**
[54] **DISPOSITIF ET SYSTEME DE PULVERISATION A FROID**
[72] WIDENER, CHRISTIAN, US
[72] CHAMPAGNE, VICTOR, US
[72] TREXLER, MATTHEW, US
[72] HELFRITCH, DENNIS, US
[72] HRABE, ROB, US
[73] SOUTH DAKOTA BOARD OF REGENTS, US
[73] GOVERNMENT OF THE UNITED STATES, AS REPRESENTED BY THE SECRETARY OF THE ARMY, US
[86] (2862459)
[87] (2862459)
[22] 2014-09-08
[30] US (14/066,346) 2013-10-29

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[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/34 (2006.01)**
[25] EN
[54] **FORMULA DETECTION ENGINE**
[54] **MOTEUR DE DETECTION DE FORMULE**
[72] LAZAREVIC, MILOS, RS
[72] RASKOVIC, MILOS, RS
[72] OBULJEN, ALJOSA, RS
[72] PETROVIC TANKOVIC, VANJA, RS
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2014-07-09
[86] 2012-01-23 (PCT/EP2012/000285)
[87] (WO2013/110285)

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[51] **Int.Cl. C10G 69/12 (2006.01) C10G 3/00 (2006.01) C10L 1/08 (2006.01)**
[25] EN
[54] **PRODUCTION OF OLEFINIC DIESEL, LUBRICANTS, AND PROPYLENE**
[54] **PRODUCTION DE GAZOLE OLEFINIQUE, DE LUBRIFIANTS, ET DE PROPYLENE**
[72] HANKS, PATRICK LORING, US
[72] FINGLAND, BRADLEY R., US
[72] HO, SUZZY CHEN HSI, US
[72] WANG, KUN, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2014-08-06
[86] 2013-03-28 (PCT/US2013/034201)
[87] (WO2013/148906)
[30] US (61/617,951) 2012-03-30
[30] US (13/851,293) 2013-03-27

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[13] C
[51] **Int.Cl. C10G 3/00 (2006.01) C10G 50/00 (2006.01) C10G 65/04 (2006.01) C10G 69/12 (2006.01) C10L 1/02 (2006.01)**
[25] EN
[54] **PRODUCTION OF OLEFINIC DIESEL AND CORRESPONDING OLIGOMERS**
[54] **PRODUCTION DE CARBURANT DIESEL OLEFINIQUE ET OLIGOMERES CORRESPONDANTS**
[72] HANKS, PATRICK LORING, US
[72] FINGLAND, BRADLEY R., US
[72] HO, SUZZY CHEN HSI, US
[72] WANG, KUN, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2014-08-06
[86] 2013-03-28 (PCT/US2013/034203)
[87] (WO2013/148907)
[30] US (61/617,970) 2012-03-30
[30] US (13/851,334) 2013-03-27

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[13] C
[51] **Int.Cl. A61M 25/02 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **TWO-PART CANNULA DRESSING**
[54] **PANSEMENT CANULE EN DEUX PARTIES**
[72] ASHFAQUE, MUHAMMAD, GB
[73] BENEDETTI INTERNATIONAL LIMITED, GB
[85] 2014-08-11
[86] 2013-02-11 (PCT/GB2013/050302)
[87] (WO2013/121182)
[30] GB (1202388.3) 2012-02-13
[30] GB (1220024.2) 2012-11-07

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[13] C
[51] **Int.Cl. A61C 7/00 (2006.01)**
[25] EN
[54] **ORTHODONTIC APPARATUS**
[54] **APPAREIL ORTHODONTIQUE**
[72] WUCHER, TIM, ZA
[73] ORTHO FUTURE TECHNOLOGIES (PTY) LTD, NA
[85] 2014-08-14
[86] 2013-02-01 (PCT/IB2013/050856)
[87] (WO2013/121316)
[30] ZA (2012/01102) 2012-02-15

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[51] **Int.Cl. A23L 2/00 (2006.01) A23L 2/38 (2006.01)**
[25] EN
[54] **SOLUTION CONTAINING COMPONENTS OF STARTING PLANT RAW MATERIAL, BEVERAGE, AND METHOD RELATING THERETO**
[54] **SOLUTION CONTENANT DES COMPOSANTS DE MATERIAU DE PLANTE DE DEPART, BOISSON ET PROCEDE ASSOCIE A CELLES-CI**
[72] KOSUGI, TAKAYUKI, JP
[72] KOZAKI, YOICHI, JP
[72] SHIMASE, MASAYUKI, JP
[73] SAPPORO BREWERIES LIMITED, JP
[85] 2014-09-03
[86] 2013-03-08 (PCT/JP2013/056521)
[87] (WO2013/146201)
[30] JP (2012-075130) 2012-03-28

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[51] **Int.Cl. A47B 88/70 (2017.01) A47B 88/453 (2017.01) A47B 88/969 (2017.01) A47B 67/02 (2006.01) A47F 1/00 (2006.01) A61J 7/04 (2006.01) B65G 1/04 (2006.01)**
[25] EN
[54] **MEDICATION DISPENSING APPARATUS HAVING DRAWER ASSEMBLY WITH DISCRETE COMPARTMENTS**
[54] **APPAREIL DE DISTRIBUTION DE MEDICAMENTS CONSTITUE DE BLOCS DE TIROIRS AVEC COMPARTIMENTS DISCRETS**
[72] OLSON, JEFFREY C., US
[73] TOUCHPOINT MEDICAL, INC., US
[85] 2014-09-19
[86] 2013-03-15 (PCT/US2013/032236)
[87] (WO2013/142351)
[30] US (61/613,305) 2012-03-20

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[13] C
[51] **Int.Cl. F16M 11/12 (2006.01) F16M 3/00 (2006.01) F16M 11/26 (2006.01) F21L 4/04 (2006.01) F21L 14/04 (2006.01)**
[25] EN
[54] **COLLAPSIBLE PORTABLE STAND WITH TELESCOPING SUPPORT AND INTEGRAL STORAGE CASE**
[54] **SOCLE PORTABLE REPLIABLE AVEC SUPPORT TELESCOPIQUE ET BOITIER DE RANGEMENT INTEGREE**
[72] INTRAVATOLA, LAWRENCE SHANE, US
[73] AIR SYSTEMS, INC. DBA AIR SYSTEMS INTERNATIONAL, INC., US
[86] (2868910)
[87] (2868910)
[22] 2009-05-13
[62] 2,724,101
[30] US (61/053,229) 2008-05-15
[30] US (12/432,525) 2009-04-29

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[13] C
[51] **Int.Cl. F03D 1/06 (2006.01)**
[25] EN
[54] **ROTOR BLADE FOR A WIND POWER PLANT**
[54] **PALE DE ROTOR D'EOLIENNE**
[72] BOHLEN, THOMAS, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-10-08
[86] 2013-04-05 (PCT/EP2013/057262)
[87] (WO2013/153009)
[30] DE (10 2012 206 109.6) 2012-04-13

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[13] C
[51] **Int.Cl. H01J 37/32 (2006.01)**
[25] EN
[54] **MICROWAVE PLASMA GENERATING DEVICE AND METHOD FOR OPERATING SAME**
[54] **DISPOSITIF GENERATEUR DE PLASMA MICRO-ONDES ET PROCEDE POUR LE FAIRE FONCTIONNER**
[72] MAI, JOACHIM, DE
[72] SCHLEMM, HERMANN, DE
[73] MEYER BURGER (GERMANY) GMBH, DE
[85] 2014-10-16
[86] 2013-04-16 (PCT/IB2013/053006)
[87] (WO2013/156924)
[30] DE (DE 10 2012 103 425.7) 2012-04-19

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[51] **Int.Cl. E21B 33/06 (2006.01)**
[25] EN
[54] **ROD ANNULAR BLOWOUT PREVENTER HYDRAULIC SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION HYDRAULIQUE A BLOC OBTURATEUR DE PUITS ANNULAIRE**
[72] VELDHUISEN, NICHOLAS, CA
[73] VELDHUISEN, NICHOLAS, CA
[86] (2870873)
[87] (2870873)
[22] 2014-11-05
[30] US (61/900,000) 2013-11-05
[30] US (14/533,801) 2014-11-05

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[13] C
[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **GAMING MACHINE WITH DICE ATTRIBUTES**
[54] **APPAREIL DE JEUX AVEC ATTRIBUTS DE DE**
[72] VERMAAK, RICHARD, ZA
[72] NAICKER, THEO, ZA
[72] IGESUND, TERENCE, ZA
[73] PRIDEFIELD LIMITED, IM
[86] (2871487)
[87] (2871487)
[22] 2014-11-18
[30] GB (1320352.6) 2013-11-18

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[51] **Int.Cl. H02G 3/22 (2006.01) G01F 1/84 (2006.01)**
[25] EN
[54] **FLAMEPROOF ELECTRICAL FEED-THROUGH**
[54] **TROU D'INTERCONNEXION ELECTRIQUE RESISTANT A LA FLAMME**
[72] MANSFIELD, WILLIAM M., US
[72] MCANALLY, CRAIG B., US
[72] SHANAHAN, SHAUN E., US
[72] WOOLF, RICHARD L., US
[73] MICRO MOTION, INC., US
[85] 2014-11-10
[86] 2012-05-17 (PCT/US2012/038419)
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[13] C
[51] **Int.Cl. H04N 5/351 (2011.01) G03B 15/16 (2006.01)**
[25] EN
[54] **METHOD FOR THE ADJUSTMENT OF COLOUR FILTER FOR A DIGITAL SENSOR AND THE ASSOCIATED FILTER**
[54] **PROCEDE DE REGLAGE D'UN FILTRE COULEUR POUR UN CAPTEUR NUMERIQUE ET FILTRE ASSOCIE**
[72] RICHARD, PASCAL, CH
[72] BLONDEAU, FABIEN, CH
[72] MULLER, JENS HERMANN, CH
[72] GRESS, OLIVER, CH
[73] SWISS TIMING LTD., CH
[86] (2874044)
[87] (2874044)
[22] 2014-12-05
[30] EP (13199041.8) 2013-12-20

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[13] C
[51] **Int.Cl. F03D 17/00 (2016.01) G01M 3/26 (2006.01)**
[25] EN
[54] **MONITORED COMPONENT CONNECTION IN A WIND POWER INSTALLATION AND METHOD OF MONITORING THEREOF**
[54] **CONNEXION DE COMPOSANTE SURVEILLEE DANS UNE INSTALLATION D'EOLIENNE ET METHODE DE SURVEILLANCE ASSOCIEE**
[72] JEPSEN, TORSTEN, DE
[72] KELLING, RALF, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-12-10
[86] 2013-04-18 (PCT/EP2013/058088)
[87] (WO2014/005735)
[30] DE (10 2012 211 566.8) 2012-07-03

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[25] EN
[54] **A CARRIAGE-ON-TRACK SYSTEM FOR USE IN WINCHING LOADS**
[54] **SYSTEME DE CHARIOT SUR RAILS POUR TREUILLAGE DE CHARGES**
[72] DOIG, DANIEL, CA
[73] DOIG, DANIEL, CA
[86] (2876614)
[87] (2876614)
[22] 2015-01-05
[30] US (14152996) 2014-01-10

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[51] **Int.Cl. D21C 3/02 (2006.01)**
[25] EN
[54] **CHEMICAL PULPING METHOD**
[54] **PROCEDE DE FABRICATION DE PATES CHIMIQUES**
[72] YIN, YINGWU, CN
[72] WAN, PENG, CN
[72] YU, HONGGUI, CN
[72] ZHANG, YUJUAN, CN
[72] SUN, XIANGXIANG, CN
[72] ZHANG, LINGYAN, CN
[73] BEIJING INSIGHT BIOMASS LLC, CN
[85] 2014-12-23
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[30] CN (201210209351.4) 2012-06-25

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[51] **Int.Cl. C09K 8/502 (2006.01) C09K 8/34 (2006.01) C09K 8/36 (2006.01)**
[25] EN
[54] **SOLUBILIZED POLYMER CONCENTRATES, METHODS OF PREPARATION THEREOF, AND WELL DRILLING AND SERVICING FLUIDS CONTAINING THE SAME**
[54] **CONCENTRES DE POLYMERE SOLUBILISE, PROCEDES DE PREPARATION CORRESPONDANTS, ET FLUIDES DE FORAGE ET D'ENTRETIEN DE PUITS LES CONTENANT**
[72] DOBSON, JAMES W., JR., US
[72] TRESCO, KIM O., US
[73] TUCC TECHNOLOGY, LLC, US
[85] 2015-01-05
[86] 2013-08-20 (PCT/US2013/055882)
[87] (WO2014/031701)
[30] US (61/691,039) 2012-08-20

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[13] C
[51] **Int.Cl. G01N 11/00 (2006.01) G01N 33/42 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MEASURING A PROPERTY OF A NON-NEWTONIAN FLUID**
[54] **PROCEDE ET SYSTEME PERMETTANT DE MESURER UNE PROPRIETE D'UN FLUIDE NON NEWTONIEN**
[72] NEWMAN, JOHN W., US
[73] NEWMAN, JOHN W., US
[85] 2015-01-06
[86] 2013-07-08 (PCT/US2013/049591)
[87] (WO2014/008505)
[30] US (61/668,704) 2012-07-06

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[51] **Int.Cl. H04M 11/06 (2006.01) H04L 12/24 (2006.01) H04M 3/22 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PERFORMANCE ESTIMATION OF A COMMUNICATION LINK**
[54] **PROCEDE ET SYSTEME D'ESTIMATION DE PERFORMANCES D'UNE LIAISON DE COMMUNICATION**
[72] BHAGAVATULA, RAMYA, US
[72] SONG, GUOCONG, US
[72] KERPEZ, KENNETH, US
[72] RHEE, WONJONG, US
[73] ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC., US
[85] 2015-01-13
[86] 2012-07-13 (PCT/US2012/046810)
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[51] **Int.Cl. C08J 3/00 (2006.01) C08F 6/00 (2006.01) F26B 3/08 (2006.01) F26B 7/00 (2006.01)**
[25] EN
[54] **PROCESS FOR DRYING POLYMERIC MATERIALS**
[54] **PROCEDE DE SECHAGE DE MATIERES POLYMERIQUES**
[72] HANBAUER, MARTIN HELMUT FRIEDRICH, NL
[72] LANDSCHUTZER, HERWIG, NL
[73] DPX FINE CHEMICALS AUSTRIA GMBH & CO KG, AT
[85] 2015-01-19
[86] 2013-08-09 (PCT/EP2013/066713)
[87] (WO2014/023826)
[30] EP (12179927.4) 2012-08-09
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[51] **Int.Cl. C07H 19/06 (2006.01) A61K 31/7068 (2006.01) C07D 333/32 (2006.01) C07H 5/02 (2006.01) C07H 5/10 (2006.01) C07H 19/04 (2006.01) C07B 53/00 (2006.01)**
[25] EN
[54] **SYNTHETIC INTERMEDIATE OF 1-(2-DEOXY-2-FLUORO-4-THIO-.BETA.-D-ARABINOFURANOSYL)CYTOSINE, SYNTHETIC INTERMEDIATE OF THIONUCLEOSIDE, AND METHODS FOR PRODUCING THE SAME**
[54] **INTERMEDIAIRE SYNTHETIQUE DE 1-(2-DESOXY-2-FLUORO-4-THIO-BETA-D-ARABINOFURANOSYL)CYTOSINE,INTERMEDIAIRE SYNTHETIQUE DE THIONUCLEOSIDE ET PROCEDES DE PRODUCTION DE CEUX-CI**
[72] NAKAMURA, KOUKI, JP
[72] SHIMAMURA, SATOSHI, JP
[72] IMOTO, JUNICHI, JP
[72] TAKAHASHI, MOTOMASA, JP
[72] WATANABE, KATSUYUKI, JP
[72] WADA, KENJI, JP
[72] FUJINO, YUUTA, JP
[72] MATSUMOTO, TAKUYA, JP
[72] TAKAHASHI, MAKOTO, JP
[72] OKADA, HIDEKI, JP
[72] YAMANE, TAKEHIRO, JP
[72] ITO, TAKAYUKI, JP
[73] FUJIFILM CORPORATION, JP
[85] 2015-02-03
[86] 2013-08-13 (PCT/JP2013/071871)
[87] (WO2014/027658)
[30] JP (2012-179380) 2012-08-13
[30] JP (2013-012693) 2013-01-25

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[13] C
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **A SYSTEM AND A METHOD FOR DATA COLLECTION AND MONITORING OF A DEFINED SPACE**
[54] **SYSTEME ET PROCEDE DE COLLECTE ET DE SURVEILLANCE DE DONNEES D'UN ESPACE DEFINI**
[72] HIMMELMANN, GUNILLA, SE
[72] KLING, ROBERT, SE
[72] LISSMATS, JOHAN, SE
[72] WASS, ANDREAS, SE
[72] LARFARS, ERIK, SE
[73] SCA HYGIENE PRODUCTS AB, SE
[85] 2015-02-06
[86] 2012-08-31 (PCT/SE2012/050929)
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[25] EN
[54] **A SKIN ENGAGING SHAVING AID MEMBER COMPRISING AT LEAST ONE THERMALLY RESILIENT SENSATE**
[54] **ELEMENT D'AIDE AU RASAGE VENANT EN CONTACT AVEC LA PEAU, COMPRENANT AU MOINS UN AGENT SENSORIEL THERMIQUEMENT RESILIENT**
[72] WANG, XIANDONG, US
[72] JABALPURWALA, FATIMA ABDULHUSSAIN, US
[72] BAKES, KATHARINE ANNE, US
[73] THE GILLETTE COMPANY LLC, US
[85] 2015-02-12
[86] 2013-09-25 (PCT/US2013/061583)
[87] (WO2014/052389)
[30] US (61/707,013) 2012-09-28

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[13] C
[51] **Int.Cl. E21B 43/25 (2006.01) E21B 43/16 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RECOVERING BITUMEN FROM A BITUMEN RESERVE USING ACOUSTIC STANDING WAVES**
[54] **SYSTEME ET METHODE DE RECUPERATION DU BITUME A PARTIR D'UNE RESERVE DE BITUME A L'AIDE D'ONDES STATIONNAIRES ACOUSTIQUES**
[72] BUNIO, GARY L., CA
[72] GATES, IAN D., CA
[73] SUNCOR ENERGY INC., CA
[86] (2883643)
[87] (2883643)
[22] 2015-02-27

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[13] C
[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/34 (2014.01) H04N 19/44 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **ACCESS UNIT INDEPENDENT CODED PICTURE BUFFER REMOVAL TIMES IN VIDEO CODING**
[54] **OCCURRENCES DE SUPPRESSION DANS UNE MEMOIRE TAMPON D'IMAGES CODEES INDEPENDANTES DES UNITES D'ACCES DANS LE VIDEOCODAGE**
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-03-04
[86] 2013-09-23 (PCT/US2013/061217)
[87] (WO2014/047577)
[30] US (61/705,119) 2012-09-24
[30] US (61/708,475) 2012-10-01
[30] US (14/033,141) 2013-09-20

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[13] C
[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/30 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **INDICATION AND ACTIVATION OF PARAMETER SETS FOR VIDEO CODING**
[54] **INDICATION ET ACTIVATION D'ENSEMBLES DE PARAMETRES DE CODAGE VIDEO**
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-03-06
[86] 2013-08-14 (PCT/US2013/054983)
[87] (WO2014/046813)
[30] US (61/704,214) 2012-09-21
[30] US (13/964,688) 2013-08-12

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[13] C
[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **A METHOD FOR THE PERMANENT REMOVAL OF HAIR**
[54] **PROCEDE D'EPILATION DEFINITIVE DES POILS**
[72] LUNDAHL, SCOTT, US
[73] DUSA PHARMACEUTICALS, INC., US
[85] 2015-03-09
[86] 2013-08-28 (PCT/US2013/056950)
[87] (WO2014/039340)
[30] US (61/698,976) 2012-09-10

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[13] C
[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/02 (2013.01) G10L 19/025 (2013.01) G10L 19/20 (2013.01)**
[25] EN
[54] **ENCODER, DECODER AND METHODS FOR SIGNAL-DEPENDENT ZOOM-TRANSFORM IN SPATIAL AUDIO OBJECT CODING**
[54] **CODEUR, DECODEUR ET PROCEDES DE TRANSFORMATION DE FOCALE DEPENDANT DU SIGNAL DANS LE CODAGE D'OBJET AUDIO SPATIAL**
[72] DISCH, SASCHA, DE
[72] PAULUS, JOUNI, DE
[72] EDLER, BERND, DE
[72] HELLMUTH, OLIVER, DE
[72] HERRE, JURGEN, DE
[72] KASTNER, THORSTEN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-04-01
[86] 2013-10-02 (PCT/EP2013/070550)
[87] (WO2014/053547)
[30] US (61/710,133) 2012-10-05
[30] EP (13167487.1) 2013-05-13

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[13] C
[51] **Int.Cl. F16K 31/56 (2006.01) F16K 17/40 (2006.01)**
[25] FR
[54] **SINGLE-USE VALVE**
[54] **VANNE A USAGE UNIQUE**
[72] VALEMBOIS, GUY, FR
[72] DILHAN, DENIS, FR
[72] SALVETAT, BERNARD, FR
[73] CONSEIL ET TECHNIQUE, FR
[73] CENTRE NATIONAL D'ETUDES SPATIALES CNES, FR
[85] 2015-04-09
[86] 2013-10-16 (PCT/FR2013/052467)
[87] (WO2014/064369)
[30] FR (1260076) 2012-10-23

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[13] C
[51] **Int.Cl. F16K 17/16 (2006.01) B23K 26/36 (2014.01) B23P 15/00 (2006.01)**
[25] EN
[54] **A METALLIC PRESSURE RELIEF PRECURSER PRODUCT**
[54] **UN PRODUIT PRECURSEUR DE LIBERATION DE PRESSION METALLIQUE**
[72] SHAW, BON F., US
[72] STILWELL, BRADFORD T., US
[72] KREBILL, MICHAEL D., US
[72] LEONARD, BRENT W., US
[73] FIKE CORPORATION, US
[86] (2888814)
[87] (2888814)
[22] 2006-03-23
[62] 2,689,078
[30] US (11/096,466) 2005-04-01

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[51] **Int.Cl. B41F 35/02 (2006.01) B41F 7/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPLEMENTING A RELEASE FILM FOR A CLEANING UNIT IN AN IMAGE FORMING DEVICE USING DIGITAL OFFSET LITHOGRAPHIC PRINTING TECHNIQUES**
[54] **SYSTEMES ET METHODES DE DEPLOIEMENT D'UNE PELLICULE POUR UN MODULE DE NETTOYAGE DANS UN DISPOSITIF DE FORMATION D'IMAGE A L'AIDE DE TECHNIQUES D'IMPRESSION LITHOGRAPHIQUE OFFSET NUMERIQUE**
[72] THAYER, BRUCE EARL, US
[73] XEROX CORPORATION, US
[86] (2888876)
[87] (2888876)
[22] 2015-04-20
[30] US (14/266,498) 2014-04-30

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[51] **Int.Cl. G05D 11/13 (2006.01) C23G 1/08 (2006.01) C23G 3/02 (2006.01)**
[25] EN
[54] **ACID CONCENTRATION CONTROL METHOD AND DEVICE FOR COLD ROLLING PICKLING PRODUCTION LINE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE REGULER LA CONCENTRATION EN ACIDE POUR PERMETTRE UN DECAPAGE DANS UN PROCEDE DE LAMINAGE A FROID**
[72] TANG, ANXIANG, CN
[72] SHEN TU, LIFENG, CN
[73] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2015-05-07
[86] 2012-11-30 (PCT/CN2012/001603)
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[51] **Int.Cl. B01D 53/52 (2006.01) B01D 53/02 (2006.01)**
[25] EN
[54] **METHOD OF SCAVENGING HYDROGEN SULFIDE AND MERCAPTANS USING WELL TREATMENT COMPOSITES**
[54] **METHODE D'APPAUVRISSEMENT DE SULFURE D'HYDROGENE ET DE THIOLS A L'AIDE DE MATIERES COMPOSITES DE TRAITEMENT DE PUITS**
[72] SHEN, DONG, US
[72] STEINER, WILLIAM H., US
[72] SZYMCZAK, STEPHEN J., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2891044)
[87] (2891044)
[22] 2015-05-11
[30] US (14/448,102) 2014-07-31

[11] 2,891,570
[13] C
[51] **Int.Cl. E21B 43/10 (2006.01) E21B 43/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **REMOTELY OPERATED STAGE CEMENTING METHODS FOR LINER DRILLING INSTALLATIONS**
[54] **METHODES DE CIMENTATION PAR ETAPES MENEES A DISTANCE POUR INSTALLATION DE FORAGE DE COLONNE PERDUE**
[72] BARANNIKOW, IVAN ANDRE, US
[72] FARLEY, DOUGLAS BRIAN, US
[72] DUDOCHKIN, EGOR, US
[72] ROSENBERG, STEVEN MICHAEL, US
[72] HAGEN, BJORN ERLING, US
[72] DALZELL, RICHARD ALASTAIR HOWARD, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2891570)
[87] (2891570)
[22] 2015-05-13
[30] US (61/994,629) 2014-05-16
[30] US (14/710,086) 2015-05-12

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[13] C
[51] **Int.Cl. H04L 9/00 (2006.01)**
[25] EN
[54] **AGENT FOR PROVIDING SECURITY CLOUD SERVICE AND SECURITY TOKEN DEVICE FOR SECURITY CLOUD SERVICE**
[54] **AGENT DISPENSANT UN SERVICE DE SECURITE NUAGIQUE ET DISPOSITIF DE JETON DE SECURITE DESTINE AU SERVICE DE SECURITE NUAGIQUE**
[72] CHOI, JAE SIK, KR
[72] SON, WON-JANG, KR
[73] SAFER ZONE CO., LTD, KR
[86] (2891610)
[87] (2891610)
[22] 2015-05-13
[30] KR (10-2014-0107544) 2014-08-19

[11] 2,891,696
[13] C
[51] **Int.Cl. E02D 29/12 (2006.01) E02D 37/00 (2006.01) E03F 5/02 (2006.01) F16L 55/163 (2006.01) F16L 55/179 (2006.01) F16L 58/10 (2006.01)**
[25] EN
[54] **METHOD OF REPAIRING A MANHOLE AND PIPES**
[54] **METHODES DE REPARATION D'UN TROU D'HOMME ET TUYAUX**
[72] KIEST, LARRY W., JR., US
[73] LMK TECHNOLOGIES, LLC, US
[86] (2891696)
[87] (2891696)
[22] 2015-05-15
[30] US (14/287,360) 2014-05-27

[11] 2,891,821
[13] C
[51] **Int.Cl. A61B 17/14 (2006.01)**
[25] EN
[54] **SURGICAL SAGITTAL SAW FOR ACTUATING AN OSCILLATING BLADE HEAD, THE SAW HAVING AN OSCILLATING DRIVE MEMBER CAPABLE OF TRANSLATION MOTION**
[54] **SCIE SAGITTALE CHIRURGICALE SERVANT A ACTIONNER UNE TETE DE LAME OSCILLANTE, LA SCIE COMPORTANT UN ELEMENT D'ENTRAINEMENT OSCILLANT CAPABLE D'UN MOUVEMENT DE TRANSLATION**
[72] WALEN, JAMES G., US
[72] BRINDLEY, ROBERT, US
[72] LAND, TREVOR M., US
[72] COSGROVE, LIAM C., IE
[73] STRYKER CORPORATION, US
[86] (2891821)
[87] (2891821)
[22] 2006-09-08
[62] 2,621,692
[30] US (60/715,821) 2005-09-10
[30] US (11/504,945) 2006-08-16

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[13] C
[51] **Int.Cl. C02F 1/463 (2006.01) C02F 1/58 (2006.01) C02F 9/04 (2006.01) C02F 9/06 (2006.01)**
[25] EN
[54] **METHOD OF TREATING INDUSTRIAL WATER**
[54] **PROCEDE DE TRAITEMENT DES EAUX INDUSTRIELLES**
[72] VAN DER MEER, TUOMAS, FI
[72] NEVATALO, LAURA, FI
[72] TANNINEN, JUKKA, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-06-08
[86] 2013-12-20 (PCT/FI2013/051190)
[87] (WO2014/096549)
[30] FI (20126356) 2012-12-20

[11] 2,894,325
[13] C
[51] **Int.Cl. G06F 17/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTINUOUS OPTIMIZATION USING A BINARY SAMPLING DEVICE**
[54] **PROCEDE ET SYSTEME D'OPTIMISATION CONTINUE UTILISANT UN DISPOSITIF D'ECHANTILLONNAGE BINAIRE**
[72] RONAGH, POOYA, CA
[73] 1QB INFORMATION TECHNOLOGIES INC., CA
[86] (2894325)
[87] (2894325)
[22] 2015-06-12
[30] US (62/011,254) 2014-06-12

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[13] C
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6809 (2018.01) C12Q 1/6813 (2018.01) C12Q 1/686 (2018.01) C12P 19/34 (2006.01)**
[25] EN
[54] **MARKERS FOR PRENATAL DIAGNOSIS OF TRISOMY 18**
[54] **MARQUEURS DE DIAGNOSTIC PRENATAL DE TRISOMIE 18**
[72] LO, YUK-MING DENNIS, CN
[72] CHIU, ROSSA WAI KWUN, CN
[72] CHIM, STEPHEN SIU CHUNG, CN
[72] TSUI, NANCY BO YIN, CN
[73] THE CHINESE UNIVERSITY OF HONG KONG, CN
[86] (2894337)
[87] (2894337)
[22] 2006-03-17
[62] 2,601,735
[30] US (60/663,293) 2005-03-18

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[13] C
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATED TRADING OF FINANCIAL INTERESTS**
[54] **SYSTEME ET PROCEDE D'ECHANGE AUTOMATISE D'INTERETS FINANCIERS**
[72] SCHMITT, JOSEPH, CA
[72] BAIN, STEPHEN, CA
[73] AEQUITAS INNOVATIONS INC., CA
[85] 2015-06-17
[86] 2014-06-20 (PCT/CA2014/000510)
[87] (WO2014/205543)
[30] US (61/838,763) 2013-06-24
[30] US (61/838,696) 2013-06-24
[30] US (61/894,608) 2013-10-23
[30] CA (2835860) 2013-12-09
[30] CA (PCT/CA2013/001014) 2013-12-09
[30] CA (PCT/CA2013/001016) 2013-12-09

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[13] C
[51] **Int.Cl. A61F 13/84 (2006.01) A61B 5/20 (2006.01) A61F 13/505 (2006.01)**
[25] EN
[54] **BODY FLUID TEST ARRANGEMENT FOR AN ABSORBENT ARTICLE**
[54] **AGENCEMENT D'ANALYSE DE LIQUIDE ORGANIQUE POUR UN ARTICLE ABSORBANT**
[72] CARNEY, JOSHUA, SE
[73] SCA HYGIENE PRODUCTS AB, SE
[85] 2015-06-16
[86] 2012-12-21 (PCT/SE2012/051496)
[87] (WO2014/098695)

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[13] C
[51] **Int.Cl. H04L 12/12 (2006.01) H04L 12/701 (2013.01) G09B 9/08 (2006.01)**
[25] EN
[54] **PEER TO PEER PROVISIONING OF DATA ACROSS NETWORKS**
[54] **LIVRAISON DE DONNEES POSTE-A-POSTE SUR DES RESEAUX**
[72] CHEUNG, WILLIAM, US
[72] CARR, LEIGHTON, US
[73] THE BOEING COMPANY, US
[86] (2896226)
[87] (2896226)
[22] 2015-07-06
[30] US (62/044147) 2014-08-29
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[13] C
[51] **Int.Cl. H04L 1/06 (2006.01)**
[25] EN
[54] **CHANNEL STATE INFORMATION REPORTING METHOD, USER EQUIPMENT, AND BASE STATION**
[54] **METHODE DE REPORTAGE D'INFORMATION SUR L'ETAT D'UN CANAL, EQUIPEMENT UTILISATEUR ET STATION DE BASE**
[72] ZHANG, LEIMING, CN
[72] ZHOU, YONGXING, CN
[72] LIU, JIANGHUA, CN
[72] WU, QIANG, CN
[72] WANG, JIANGUO, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-06-29
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[87] (WO2014/101350)
[30] CN (PCT/CN2012/088147) 2012-12-31

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[51] **Int.Cl. H01J 49/16 (2006.01) H01J 27/26 (2006.01) H01J 49/42 (2006.01)**
[25] EN
[54] **FILAMENT FOR MASS SPECTROMETRIC ELECTRON IMPACT ION SOURCE**
[54] **FILAMENT POUR SOURCE D'IONISATION ELECTRONIQUE DESTINEE A LA SPECTROMETRIE DE MASSE**
[72] SPLENDORE, MAURIZIO, US
[72] MUNTEAN, FELICIAN, US
[72] MOELLER, ROY P., US
[73] BRUKER DALTONICS, INC., US
[86] (2897063)
[87] (2897063)
[22] 2015-07-08
[30] US (14/341,076) 2014-07-25

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[51] **Int.Cl. B64D 27/14 (2006.01) B64D 35/00 (2006.01) B64D 41/00 (2006.01)**
[25] EN
[54] **AUXILLIARY POWER AND THRUST UNIT DRIVE SYSTEM**
[54] **ALIMENTATION AUXILIAIRE ET SYSTEME D'ENTRAINEMENT DE MODULE DE POUSSEE**
[72] AHMAD, PARVEZ N., US
[72] ELLIS, DAVID, US
[73] THE BOEING COMPANY, US
[86] (2897756)
[87] (2897756)
[22] 2015-07-20
[30] US (14/488,403) 2014-09-17

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[13] C
[51] **Int.Cl. A61K 31/55 (2006.01) A61K 31/4545 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **USE OF ALPHA 7 NICOTINIC ACETYLCHOLINE RECEPTOR AGONISTS**
[54] **UTILISATION D'AGONISTES DES RECEPTEURS NICOTINIQUES DE L'ACETYLCHOLINE ALPHA 7**
[72] FENDT, MARKUS, CH
[72] FEUERBACH, DOMINIK, CH
[72] JOHNS, DONALD, US
[72] LOPEZ-LOPEZ, CRISTINA, CH
[72] MCALLISTER, KEVIN HALL, CH
[72] SOVAGO, JUDIT, CH
[72] WEISS, MARKUS, CH
[73] NOVARTIS AG, CH
[85] 2015-07-13
[86] 2014-01-13 (PCT/IB2014/058224)
[87] (WO2014/111837)
[30] US (61/752,765) 2013-01-15

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[13] C
[51] **Int.Cl. G10L 19/07 (2013.01) G10L 19/005 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING AN INTERPOLATION FACTOR SET**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER UN ENSEMBLE DE FACTEURS D'INTERPOLATION**
[72] RAJENDRAN, VIVEK, US
[72] SUBASINGHA, SUBASINGHA SHAMINDA, US
[72] KRISHNAN, VENKATESH, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-07-14
[86] 2013-09-03 (PCT/US2013/057867)
[87] (WO2014/130084)
[30] US (61/767,461) 2013-02-21
[30] US (14/015,834) 2013-08-30

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[13] C
[51] **Int.Cl. B32B 5/18 (2006.01) B32B 15/08 (2006.01) B32B 27/06 (2006.01)**
[25] EN
[54] **INCISED COMPOSITE MATERIAL FOR SELECTIVE MULTISPECTRAL REFLECTION**
[54] **MATERIAU COMPOSITE INCISE POUR REFLEXION MULTISPECTRALE SELECTIVE**
[72] WILLIAMS, NEIL R., US
[72] CULLER, GREGORY D., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2015-07-14
[86] 2014-01-17 (PCT/US2014/012001)
[87] (WO2014/113644)
[30] US (61/754,291) 2013-01-18
[30] US (14/157,217) 2014-01-16

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[13] C
[51] **Int.Cl. H04B 1/40 (2015.01) H04B 1/38 (2015.01)**
[25] EN
[54] **METHOD OF CONTROLLING POWER AND ELECTRONIC DEVICE THEREOF**
[54] **PROCEDE DE COMMANDE DE PUISSANCE ET DISPOSITIF ELECTRONIQUE ASSOCIE**
[72] LEE, SEOK-WOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-07-16
[86] 2014-04-16 (PCT/KR2014/003110)
[87] (WO2014/171668)
[30] KR (10-2013-0041899) 2013-04-16

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[51] **Int.Cl. C08L 79/02 (2006.01) C08J 3/075 (2006.01) C08J 3/24 (2006.01) C08L 41/00 (2006.01) C09K 8/588 (2006.01)**
[25] EN
[54] **DELAYED GELLING AGENTS**
[54] **AGENTS GELIFIANTS RETARDES**
[72] LIN, YING-YING, US
[72] BERKLAND, CORY, US
[72] LIANG, JENN-TAI, US
[72] MORADI-ARAGHI, AHMAD, US
[72] CHRISTIAN, TERRY M., US
[72] NEEDHAM, RILEY B., US
[72] HEDGES, JAMES H., US
[72] CHENG, MIN, US
[72] SCULLY, FAYE L., US
[72] ZORNES, DAVID R., US
[73] CONOCOPHILLIPS COMPANY, US
[73] UNIVERSITY OF KANSAS, US
[85] 2015-07-20
[86] 2013-10-23 (PCT/US2013/066288)
[87] (WO2014/116309)
[30] US (61/757,276) 2013-01-28

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[13] C
[51] **Int.Cl. A47K 5/12 (2006.01) G01F 11/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR DISPENSING LIQUID SOAP**
[54] **APPAREIL DE DISTRIBUTION DE SAVON LIQUIDE**
[72] MUDERLAK, TODD JEFFREY, US
[72] SCHWARZ, ROLAND E.C., US
[73] DISPENSING DYNAMICS INTERNATIONAL, LLC, US
[85] 2015-07-22
[86] 2013-12-18 (PCT/US2013/075926)
[87] (WO2014/116373)
[30] US (13/748,948) 2013-01-24

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[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **NEGATIVE IMMUNOMODULATION OF IMMUNE RESPONSES BY ERP5**
[54] **IMMUNOMODULATION NEGATIVE DE REPONSES IMMUNES D'ERP5**
[72] SPIES, THOMAS, US
[72] GROH-SPIES, VERONIKA, US
[73] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[86] (2900172)
[87] (2900172)
[22] 2008-04-23
[62] 2,685,056
[30] US (60/913,467) 2007-04-23

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[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/041 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **HANDLING OVERLOADED GESTURES**
[54] **GESTION DE GESTES SURCHARGES**
[72] AMERIGE, BRIAN D., US
[73] FACEBOOK, INC., US
[85] 2015-08-05
[86] 2014-02-12 (PCT/US2014/015912)
[87] (WO2014/130306)
[30] US (13/770,506) 2013-02-19

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[13] C
[51] **Int.Cl. A61F 2/28 (2006.01) A61L 27/54 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **REMOVABLE AUGMENT FOR MEDICAL IMPLANT**
[54] **RENFORT AMOVIBLE POUR IMPLANT MEDICAL**
[72] STALCUP, GREGORY C., US
[72] KNAPP, TROY D., US
[73] SMED-TA/TD, LLC, US
[85] 2015-08-07
[86] 2014-03-13 (PCT/US2014/026090)
[87] (WO2014/151602)
[30] US (61/787,598) 2013-03-15
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[25] EN
[54] **WELDING SYSTEM FOR DETERMINING A QUALITY OF A WELDING OPERATION**
[54] **SYSTEME DE SOUDAGE POUR DETERMINER UNE QUALITE D'UNE OPERATION DE SOUDAGE**
[72] HOLVERSON, TODD EARL, US
[72] FINK, JOSEPH K., US
[72] MULROY, ANDREW PATRICK, US
[72] LUO, JYI-JIIN, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-08-25
[86] 2014-04-30 (PCT/US2014/036141)
[87] (WO2014/182523)
[30] US (61/822,035) 2013-05-10
[30] US (14/262,588) 2014-04-25

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[51] **Int.Cl. A61M 1/06 (2006.01) A61J 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING A SUPPLY OF BREAST MILK**
[54] **SYSTEME ET PROCEDE POUR GERER UNE PRODUCTION DE LAIT MATERNEL**
[72] BAUER, RYAN, US
[73] MEDELA HOLDING AG, CH
[85] 2015-08-26
[86] 2014-03-13 (PCT/US2014/025745)
[87] (WO2014/160065)
[30] US (61/780,029) 2013-03-13

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[25] EN
[54] **DETECTING NEOPLASM**
[54] **DETECTION DE NEOPLASME**
[72] AHLQUIST, DAVID A., US
[72] KISIEL, JOHN B., US
[72] TAYLOR, WILLIAM R., US
[72] YAB, TRACY C., US
[72] MAHONEY, DOUGLAS W., US
[72] LIDGARD, GRAHAM P., US
[72] ALLAWI, HATIM T., US
[73] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[73] EXACT SCIENCES CORPORATION, US
[85] 2015-08-27
[86] 2014-03-12 (PCT/US2014/024589)
[87] (WO2014/159652)
[30] US (61/784,429) 2013-03-14

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[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/282 (2006.01)**
[25] EN
[54] **LIPOSOME OXALIPLATIN COMPOSITIONS FOR CANCER THERAPY**
[54] **COMPOSITIONS D'OXALIPLATINE LIPOSOMAL POUR LA CANCEROTHERAPIE**
[72] MCGHEE, WILLIAM, US
[73] MALLINCKRODT LLC, US
[85] 2015-08-31
[86] 2014-03-12 (PCT/US2014/025029)
[87] (WO2014/159760)
[30] US (61/780,000) 2013-03-13

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[13] C
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/337 (2006.01)**
[25] EN
[54] **MODIFIED DOCETAXEL LIPOSOME FORMULATIONS**
[54] **FORMULATIONS LIPOSOMALES DE DOCETAXEL MODIFIE**
[72] MCGHEE, WILLIAM, US
[72] BLACKLEDGE, JAMES, US
[72] GRAPPERHAUS, MARGARET, US
[73] MALLINCKRODT LLC, US
[85] 2015-08-31
[86] 2014-03-13 (PCT/US2014/026483)
[87] (WO2014/160392)
[30] US (61/779,902) 2013-03-13

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[13] C
[51] **Int.Cl. H04N 19/119 (2014.01) H04N 19/14 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/52 (2014.01)**
[25] EN
[54] **VIDEO PREDICTION ENCODING AND DECODING FOR PARTITIONED REGIONS WHILE DETERMINING WHETHER OR NOT TO USE MOTION INFORMATION FROM NEIGHBORING REGIONS**
[54] **DISPOSITIF, PROCEDE ET PROGRAMME DE CODAGE DE PREDICTION D'IMAGE, DISPOSITIF, PROCEDE ET PROGRAMME DE DECODAGE DE PREDICTION D'IMAGE**
[72] SUZUKI, YOSHINORI, JP
[72] TAKIUE, JUNYA, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[73] NTT DOCOMO, INC., JP
[86] (2903530)
[87] (2903530)
[22] 2011-07-14
[62] 2,805,735
[30] JP (2010-163245) 2010-07-20
[30] JP (2010-174869) 2010-08-03

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[13] C
[51] **Int.Cl. E21B 17/04 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SPLICING A NON-SPOOLABLE TOOL ANYWHERE ALONG A COILED TUBING STRING**
[54] **SYSTEME ET PROCEDE POUR RACCORDER UN OUTIL NE POUVANT PAS ETRE BOBINE N'IMPORTE OU LE LONG D'UNE COLONNE DE PRODUCTION SPIRALEE**
[72] MISSELBROOK, JOHN G., CA
[72] CHABERT, CRAIG, GB
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-09-02
[86] 2014-03-20 (PCT/US2014/031348)
[87] (WO2014/175983)
[30] US (61/814,461) 2013-04-22
[30] US (14/219,592) 2014-03-19

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[13] C
[51] **Int.Cl. G01N 27/327 (2006.01)**
[25] EN
[54] **WHOLE BLOOD HEMOLYSIS SENSOR**
[54] **CAPTEUR D'HEMOLYSE DE SANG TOTAL**
[72] BALASUBRAMANIAN, SHANKAR, US
[72] D'ORAZIO, PAUL, US
[73] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2015-09-08
[86] 2014-03-10 (PCT/US2014/022447)
[87] (WO2014/159193)
[30] US (61/782,166) 2013-03-14

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[13] C
[51] **Int.Cl. A61F 2/88 (2006.01) A61F 2/91 (2013.01)**
[25] EN
[54] **HELICAL HYBRID STENT**
[54] **ENDOPROTHESE HYBRIDE HELICOIDALE**
[72] RICHTER, JACOB, IL
[72] WEIZMAN, OLEG, IL
[72] BELOBROVY, IGOR, IL
[73] MEDINOL LTD., IL
[85] 2015-09-14
[86] 2014-03-14 (PCT/IB2014/001121)
[87] (WO2014/140892)
[30] US (13/829,153) 2013-03-14

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[13] C
[51] **Int.Cl. A63G 31/02 (2006.01)**
[25] EN
[54] **FLYING THEATRE**
[54] **THEATRE VOLANT**
[72] JOB, RICHARD, CA
[72] VAN VUUREN, EMILE, CA
[72] ZHOU, YE, CA
[72] HALLIDAY, DAVID, CA
[72] LOEWEN, NATHAN, CA
[72] GEDIG, MIKE, US
[73] DYNAMIC STRUCTURES, LTD., CA
[86] (2907278)
[87] (2907278)
[22] 2012-10-26
[62] 2,793,598

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[13] C
[51] **Int.Cl. C09K 8/36 (2006.01) C09K 8/487 (2006.01) C09K 8/76 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS D'ENTRETIEN DE PUITS DE FORAGE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI**
[72] REDDY, B. RAGHAVA, US
[72] BOUL, PETER JAMES, US
[72] AGASHE, SNEHALATA SACHIN, IN
[72] GUILLORY, BRITTNEY NICHOLE, US
[72] OLATERU, DAMILOLA DEBORAH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-24
[86] 2014-04-22 (PCT/US2014/034999)
[87] (WO2014/179121)
[30] US (13/874,234) 2013-04-30

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[13] C
[51] **Int.Cl. B02C 17/18 (2006.01) B02C 17/22 (2006.01)**
[25] EN
[54] **A METHOD OF MAKING A LIFTER BAR, A REFURBISHED LIFTER BAR AND A MOULD**
[54] **PROCEDE DE FABRICATION D'UNE BARRE DE LEVAGE, BARRE DE LEVAGE RENOVEE ET MOULE**
[72] LAUERMAA, KARI, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-10-05
[86] 2014-04-14 (PCT/FI2014/050269)
[87] (WO2014/170542)
[30] FI (20135365) 2013-04-15

[11] **2,909,105**
[13] C
[51] **Int.Cl. G01V 1/30 (2006.01)**
[25] EN
[54] **MULTI-PARAMETER INVERSION THROUGH OFFSET DEPENDENT ELASTIC FWI**
[54] **INVERSION MULTIPARAMETRIQUE PAR FWI ELASTIQUE DEPENDANTE AU DECALAGE**
[72] WANG, KE, US
[72] LAZARATOS, SPYRIDON K., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-10-07
[86] 2014-05-07 (PCT/US2014/037122)
[87] (WO2014/189679)
[30] US (61/827,474) 2013-05-24

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[13] C
[51] **Int.Cl. C08L 33/14 (2006.01) G03G 9/08 (2006.01)**
[25] EN
[54] **BIO-BASED ACRYLATE AND (METH)ACRYLATE RESINS**
[54] **ACRYLATE A BASE BIOLOGIQUE ET RESINES DE (METH)ACRYLATE**
[72] SACRIPANTE, GUERINO G., CA
[72] VEREGIN, RICHARD PN, CA
[73] XEROX CORPORATION, US
[86] (2909942)
[87] (2909942)
[22] 2015-10-20
[30] US (14/541509) 2014-11-14

[11] **2,910,290**
[13] C
[51] **Int.Cl. C09K 3/32 (2006.01) E02B 15/04 (2006.01)**
[25] FR
[54] **PROCESS AND COMPOSITION FOR CONVERTING LIQUID HYDROCARBONS AND FATTY SUBSTANCES TO SOLID FORM, DEVICES FOR IMPLEMENTING THIS PROCESS AND MANUFACTURING THIS COMPOSITION, AND THE USE THEREOF FOR ENVIRONMENTAL REMEDIATION**
[54] **PROCEDE ET COMPOSITION POUR LA MISE EN FORME SOLIDE D'HYDROCARBURES ET DE CORPS GRAS LIQUIDES, DISPOSITIFS POUR LA MISE EN OEUVRE DE CE PROCEDE ET LA FABRICATION DE CETTE COMPOSITION, ET LEUR UTILISATION POUR LA DEPOLLUTION**
[72] CHIARAMELLO, JEAN-MARC, FR
[72] BERTRAND, CLAUDE, DE
[73] CALUDE SARL, LU
[85] 2015-10-23
[86] 2014-04-24 (PCT/EP2014/058296)
[87] (WO2014/173988)
[30] EP (13305537.6) 2013-04-24

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[13] C
[51] **Int.Cl. F16C 33/26 (2006.01) E21B 4/00 (2006.01) F16C 17/02 (2006.01) F16C 17/04 (2006.01) F16C 33/04 (2006.01) F16C 37/00 (2006.01)**
[25] EN
[54] **BEARING ASSEMBLIES AND BEARING APPARATUSES INCLUDING THICK SUPERHARD TABLES**
[54] **ENSEMBLES PALIER COMPRENANT DES PLATEAUX EXTRA-DURS EPAIS ET/OU UNE EXPOSITION SELECTIONNEE, ET APPAREILS A PALIER**
[72] GONZALEZ, JAIR JAHAZIEL, US
[72] SEXTON, TIMOTHY N., US
[73] US SYNTHETIC CORPORATION, US
[85] 2015-10-26
[86] 2014-05-15 (PCT/US2014/038199)
[87] (WO2014/189763)
[30] US (13/899,785) 2013-05-22

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[13] C
[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01) H04N 19/593 (2014.01)**
[25] EN
[54] **PREDICTION FILTERING BASED ON THE INTRA PREDICTION MODE OF THE CURRENT BLOCK**
[54] **FILTRAGE DE PREDICTION FONDE SUR LE MODE INTRA PREDICTION DU BLOC COURANT**
[72] LEE, JIN HO, KR
[72] KIM, HUI YONG, KR
[72] LIM, SUNG CHANG, KR
[72] CHOI, JIN SOO, KR
[72] KIM, JIN WOONG, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2910612)
[87] (2910612)
[22] 2012-06-20
[62] 2,828,462
[30] KR (10-2011-0059850) 2011-06-20
[30] KR (10-2011-0065708) 2011-07-01
[30] KR (10-2011-0119214) 2011-11-15
[30] KR (10-2011-0125353) 2011-11-28
[30] KR (10-2012-0066206) 2012-06-20

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[13] C
[51] **Int.Cl. H01M 8/0247 (2016.01)**
[25] EN
[54] **FUEL CELL SEPARATOR, FUEL CELL CURRENT COLLECTOR PLATE, FUEL CELL AND FUEL CELL STACK**
[54] **SEPARATEUR DE PILE A COMBUSTIBLE, PLAQUE COLLECTRICE DE COURANT DE PILE A COMBUSTIBLE, PILE A COMBUSTIBLE ET EMPILEMENT DE PILES A COMBUSTIBLE**
[72] SATO, KENJI, JP
[72] ITAKURA, HIROKI, JP
[72] AOKI, TAKAHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] SUMITOMO RIKO COMPANY LIMITED, JP
[86] (2911067)
[87] (2911067)
[22] 2015-11-03
[30] JP (2014-230402) 2014-11-13

[11] **2,911,127**
[13] C
[51] **Int.Cl. G01N 1/28 (2006.01) G01N 1/34 (2006.01) G01N 1/42 (2006.01) G01N 30/14 (2006.01)**
[25] EN
[54] **METHOD FOR CHARACTERIZING THE HYDROCARBON CONTENT OF A REFORMATE STREAM**
[54] **METHODE DE CARACTERISATION DE TENEUR EN HYDROCARBURE D'UN FLUX DE REFORMAT**
[72] MACCONNELL, MATTHEW H., US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2911127)
[87] (2911127)
[22] 2015-11-04
[30] US (14/536,949) 2014-11-10

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[13] C
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **SKIP-PHASE WIRELESS DIMMER FOR SOLID-STATE LIGHTING**
[54] **GRADATEUR SANS FIL A PHASE DE SAUT POUR ECLAIRAGE A SEMI-CONDUCTEURS**
[72] CHOWDHURY, TOWFIQ, US
[72] TAYLOR, BOBBY D., US
[73] ABL IP HOLDING LLC, US
[86] (2911732)
[87] (2911732)
[22] 2015-11-09
[30] US (14/565,231) 2014-12-09

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[13] C
[51] **Int.Cl. B21D 31/06 (2006.01) B21D 43/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PERFORMING MULTIPLE DISCRETE POINT PRESSING, TWISTING, RETAINING AND SHAPING OF PLATE-WORKPIECES**
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[54] **INTERVALLE DE MISE A JOUR DE GPS (GLOBAL-POSITIONING SYSTEM) FONDE SUR DES DONNEES DE CAPTEUR**
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[72] GRISE, GABRIEL, US
[72] TRETTI, ALBERTO, US
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[73] FACEBOOK, INC., US
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[54] **SYSTEMS AND METHODS FOR INTELLIGENT PAPERLESS DOCUMENT MANAGEMENT**
[54] **SYSTEMES ET PROCEDES POUR GESTION DOCUMENTAIRE ELECTRONIQUE ET INTELLIGENTE**
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[72] KULKARNI, PARAG, IN
[72] VISWANATHAN, KRISHNWAMI, IN
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[54] **FRACTURATION PAR ROTATION SERVANT A CREER UNE BOUE DE SABLE BITUMINEUX**
[72] MARKS, ANITA, CA
[72] WEATHERBEE, GRANT, CA
[72] KENNEDY, HEATHER, CA
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[54] **APPAREIL MEDICAL COMMANDE A DISTANCE**
[72] GAGNER, JOHAN, SE
[72] MATTSSON, FREDRIK, SE
[72] HOBRO, STURE, SE
[72] NILSSON, MARKUS, SE
[72] KLINTBERG, JONAS, SE
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[54] **AGENTS PHOSPHORES DE REDUCTION DE LA FRICTION POUR UTILISATION DANS LES LIQUIDES DE FORAGE A BASE D'OLEAGINEUX**
[72] MCDANIEL, CATO RUSSELL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD FOR MANUFACTURING A COMPOSITE MOULDING, COMPOSITE MOULDING, SANDWICH COMPONENT AND ROTOR-BLADE ELEMENT AND WIND-ENERGY INSTALLATION**
[54] **METHODE DE FABRICATION DE MOULURE COMPOSITE, MOULURE COMPOSITE, COMPOSANTE DE SUPERPOSITION ET ELEMENT DE PALE DE ROTOR, ET INSTALLATION D'ENERGIE EOLIENNE**
[72] HOFFMANN, ALEXANDER, DE
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[54] **TUBE D'ECHAFAUDAGE D'UN ECHAFAUDAGE ET ELEMENT D'ECHAFAUDAGE**
[72] ERATH, FRANK, DE
[72] LEDER, CHRISTIAN, DE
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[72] MCCARTHY, DENNIS P., US
[72] BLEVINS, CALVIN B., US
[72] HARRIS, CAROLINE S., US
[72] GOODWIN, GEORGE B., US
[72] GU, YABEI, US
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[54] **APPARATUS FOR REGULATION OF THE PRESSURE OF A GAS**
[54] **APPAREIL DESTINE A REGULER LA PRESSION D'UN GAZ**
[72] WILLIAMS, MARK SHERMAN, GB
[72] PEMBERTON, GARETH ROSS, GB
[72] ALFOLDI, CSABA, BE
[73] AIR PRODUCTS AND CHEMICALS, INC., US
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[54] **MODELISATION DE DEPLACEMENT DE FLUIDES DANS UN ENVIRONNEMENT SYSTEME DE PUITS**
[72] WU, HONGFEI, US
[72] MADASU, SRINATH, US
[72] LIN, AVI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ELECTRONICALLY KEYED DISPENSING SYSTEMS AND RELATED METHODS UTILIZING NEAR FIELD FREQUENCY RESPONSE**
[54] **SYSTEMES DE DISTRIBUTION A CLE ELECTRONIQUE ET METHODES CONNEXES UTILISANT LA REPONSE EN FREQUENCE EN CHAMP PROCHE**
[72] REYNOLDS, AARON R., US
[72] ROSENKRANZ, MARK E., US
[72] WATERHOUSE, PAUL, CA
[73] KANFER, JOSEPH, US
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[54] **SYSTEMES DE DISTRIBUTION A CLE ELECTRONIQUE ET METHODES CONNEXES UTILISANT LA REPONSE EN FREQUENCE EN CHAMP PROCHE**
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[72] SOBEL, JASON SCOTT, US
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[54] **GAINE MULTI PIECE POUR CONNECTEURS SEPARABLES**
[72] SZYSZKO, STANLEY S., US
[72] HERNANDEZ, CARLOS H., US
[72] KNIGHT, JOHN, US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
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[54] **DOUBLE BANDE DE DEVIATION PRECHARGEE POUR UN CLAVIER NUMERIQUE**
[72] CHEN, CHAO, CA
[73] BLACKBERRY LIMITED, CA
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[54] **QUININE COMPOUNDS, AND OPTICAL ISOMERS, PREPARATION METHOD AND MEDICAL USE THEREOF**
[54] **COMPOSES A BASE DE QUININE, ET ISOMERES OPTIQUES, PROCEDE DE PREPARATION ET UTILISATION MEDICALE ASSOCIES**
[72] WANG, CHUNJING, CN
[72] WANG, JUNYI, CN
[72] GAO, ZEJUN, CN
[73] BEIJING FSWELCOME TECHNOLOGY DEVELOPMENT CO., LTD, CN
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[54] **SYSTEME ET PROCEDE DE BALAYAGE PAR RAYONS X**
[72] HAYLER, WENDIE PATRICIA, US
[72] RUTHERFORD, MARK, GB
[72] JONES, MARCUS A., US
[72] KIRK, ANTHONY DAVID, US
[72] VANORDER, GILBERT WALTER, III, US
[72] HUDSON, ROY DOUGLAS, GB
[72] MASON, PAUL, GB
[72] TERMINI, JAMES, GB
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[54] **ADSORBANTS ZEOLITHIQUES DE HAUTE SURFACE EXTERNE, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS**
[72] LAROCHE, CATHERINE, FR
[72] LEFLAIVE, PHILIBERT, FR
[72] BOUVIER, LUDIVINE, FR
[72] NICOLAS, SERGE, FR
[72] LUTZ, CECILE, FR
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[54] **APPARATUS AND METHODS FOR TIMESTAMPING ELECTRICAL DATA IN A PANEL METER**
[54] **APPAREIL ET METHODES D'HORODATAGE DE DONNEES ELECTRIQUES DANS UN APPAREIL DE TABLEAU**
[72] TERRICCIANO, PAUL, US
[72] LEIDY, MATTHEW, US
[73] SIEMENS INDUSTRY, INC., US
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[54] **VANNE A PAPILLON ACTIONNEE PAR UN ELECTROAIMANT**
[72] PETERSON, MATTHEW, US
[73] FLEXTRONICS GLOBAL SERVICES CANADA INC. SERVICES GLOBAUX FLEXTRONICS CANADA INC., US
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[54] **POLY(THIENOTHIOPHENYLBORANES) ET POLY(DITHIENOTHIOPHENYLBORANES) POUR DIODES EMETTANT DE LA LUMIERE BLANCHE**
[72] OZTURK, TURAN, TR
[72] TEKIN, EMINE, TR
[72] ONUR, SAHIN, TR
[72] SEVINIS, EMINE BILLUR, TR
[72] EROGLU, MEHMET SAYIP, TR
[72] GOREN, AHMET CEYHAN, TR
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[54] **BROAD-BAND, LOW FREQUENCY, HIGH-AMPLITUDE, LONG TIME DURATION, OSCILLATING AIRWAY PRESSURE BREATHING APPARATUS AND METHOD UTILIZING BUBBLES**
[54] **APPAREIL RESPIRATOIRE A PRESSION DE VOIES RESPIRATOIRES OSCILLANTE, A LONGUE DUREE DE VIE, A GRANDE AMPLITUDE, A FAIBLE FREQUENCE, A LARGE BANDE ET PROCEDE UTILISANT DES BULLES**
[72] DIBLASI, ROBERT M., US
[72] ZIGNEGO, JAY C., US
[72] JANSEN, THOMAS N., US
[72] SMITH, CHARLES V., US
[72] RICHARDSON, PETER, US
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[54] **DEVICE WITH DUAL POWER SOURCES**
[54] **DISPOSITIF A DOUBLE ALIMENTATION**
[72] BIEDERMAN, WILLIAM JAMES, US
[72] PLETCHER, NATHAN, US
[72] NELSON, ANDREW, US
[72] YEAGER, DANIEL, US
[73] VERILY LIFE SCIENCES LLC, US
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[54] **TRAITEMENT DE RESIDUS SUR PLACE**
[72] YUAN, SIMON, CA
[72] LORENTZ, JAMES, CA
[73] SYNCRUDE CANADA LTD., CA
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[25] EN
[54] **FACILITATION OF CONTACT LENSES WITH CAPACITIVE SENSORS**
[54] **FACILITATION DE LENTILLES DE CONTACT COMPRENANT DES CAPTEURS CAPACITIFS**
[72] PLETCHER, NATHAN, US
[72] OTIS, BRIAN, US
[73] VERILY LIFE SCIENCES LLC, US
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[25] EN
[54] **LABELED INHIBITORS OF PROSTATE SPECIFIC MEMBRANE ANTIGEN (PSMA), BIOLOGICAL EVALUATION, AND USE AS IMAGING AGENTS**
[54] **INHIBITEURS MARQUE DE L'ANTIGENE MEMBRANAIRE SPECIFIQUE DE LA PROSTATE (PSMA), EVALUATION BIOLOGIQUE, ET UTILISATION EN TANT QU'AGENTS D'IMAGERIE**
[72] POMPER, MARTIN G., US
[72] RAY, SANGEETA, US
[72] MEASE, RONNIE C., US
[72] FOSS, CATHERINE, US
[73] THE JOHNS HOPKINS UNIVERSITY, US
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[87] (2926573)
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[54] **ELECTRICAL LINE ARRANGEMENT**
[54] **AGENCEMENT DE LIGNE ELECTRIQUE**
[72] VELTHAUS, KARL-OTTO, DE
[72] RAUSCH, MARKO, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **SYSTEM AND METHOD FOR PREDICTING SCOLIOSIS PROGRESSION**
[54] **SYSTEME ET PROCEDE DE PREDICTION DE LA PROGRESSION DE LA SCOLIOSE**
[72] DE GUISE, JACQUES, CA
[72] LABELLE, HUBERT, CA
[72] MAC-THIONG, JEAN-MARC, CA
[72] NAULT, MARIE-LYNE, CA
[72] PARENT, STEFAN, CA
[73] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[73] VALORISATION HSJ, LIMITED PARTNERSHIP, CA
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[54] **COUPLEUR QUASI-OPTIQUE**
[72] HENRY, PAUL SHALA, US
[72] BARNICKEL, DONALD J., US
[72] BARZEGAR, FARHAD, US
[72] BENNETT, ROBERT, US
[72] GERSZBERG, IRWIN, US
[72] WILLIS III, THOMAS M., US
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[25] EN
[54] **AQUEOUS-BASED COATING COMPOSITION CONTAINING HYDROXY-TERMINATED POLYBUTADIENE**
[54] **COMPOSITION DE REVETEMENT A BASE D'EAU CONTENANT UN POLYBUTADIENE A TERMINAISON HYDROXY**
[72] MOST, CHRISTOPHER L., US
[72] MCVAY, ROBERT, US
[73] PPG INDUSTRIES OHIO, INC., US
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[72] WATANABE, HIROYUKI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **NATURAL EXPRESSION PROCESSING METHOD, PROCESSING AND RESPONSE METHOD, DEVICE AND SYSTEM**
[54] **PROCEDE DE TRAITEMENT D'EXPRESSION NATURELLE, PROCEDE, DISPOSITIF ET SYSTEME DE TRAITEMENT ET DE REPONSE**
[72] YU, ZILI, CN
[73] ICON TEK CORPORATION, KY
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[54] **TOIT FLOTTANT POUR RESERVOIRS DE STOCKAGE**
[72] BLINN, CHRISTOPHER A., US
[72] MICKAN, MARK, US
[73] T. F. WARREN GROUP CORPORATION, US
[86] (2929339)
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[54] **PRODUCTION VIDEO DIRIGEE PAR SCENARIO-MAQUETTE A PARTIR DE RESSOURCES PARTAGEES ET INDIVIDUALISEES**
[72] SHANNON, KYLE, US
[73] STORYVINE, INC., US
[85] 2016-05-02
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[54] **DOWNHOLE ACTUATING APPARATUS**
[54] **APPAREIL DE COMMANDE POUR FOND DE TROU**
[72] SMITH, COLIN, GB
[72] PURKIS, DANIEL G., GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **REVERSE FLOW PREVENTION APPARATUS FOR COMMON EXHAUST FLUE AND COMBUSTION APPARATUS HAVING SAME**
[54] **APPAREIL ANTI-FLUX INVERSE POUR CARNEAU D'ECHAPPEMENT COURANT ET APPAREIL DE COMBUSTION PRESENTANT CELUI-CI**
[72] PARK, JUN KYU, KR
[72] PARK, DUCK SIK, KR
[73] KYUNGDONG NAVIEN CO., LTD., KR
[85] 2016-05-27
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[54] **IMPROVED NETWORK MANAGEMENT**
[54] **GESTION DE RESEAU AMELIOREE**
[72] KOMLENIC, TODD, US
[72] HOUSEHOLDER, DAVID, US
[72] THARP, THOMAS, US
[73] THE PNC FINANCIAL SERVICES GROUP, INC., US
[86] (2932344)
[87] (2932344)
[22] 2007-05-25
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[54] **GESTION DE RESEAU AMELIOREE**
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[72] HOUSEHOLDER, DAVID, US
[72] THARP, THOMAS, US
[73] THE PNC FINANCIAL SERVICES GROUP, INC., US
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[54] **SYSTEMS, APPARATUS AND METHODS FOR IMPROVED AUTHENTICATION**
[54] **SYSTEMES, APPAREIL ET PROCEDES POUR UNE AUTHENTIFICATION AMELIOREE**
[72] GILBERT, CRAIG, US
[72] PIEL, BRIAN JOHN, US
[72] WILLIAMSON, GREGORY D., US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-06-07
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[54] **MAGNETIC COOLING APPARATUS AND MAGNETIC REFRIGERATING SYSTEM HAVING THE SAME**
[54] **APPAREIL DE REFROIDISSEMENT MAGNETIQUE ET SYSTEME REFRIGERANT MAGNETIQUE COMPRENANT LEDIT APPAREIL**
[72] MUN, II JU, KR
[72] KIM, MIN SOO, KR
[72] CHOI, WOO HYEK, KR
[72] KUK, KEON, KR
[72] KIM, JIN HAN, KR
[72] YU, HYUN WOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-06-08
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[54] **MECANISME PROTEGE DE LIGNE DE PECHE A BASCULE POUR PECHE BLANCHE**
[72] SCHRAMSKI, MARTIN J., US
[73] FIREHOUSE PRODUCTS LLC, US
[86] (2933355)
[87] (2933355)
[22] 2016-06-16
[30] US (14/744578) 2015-06-19

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[25] EN
[54] **KINASE INHIBITOR AND USE THEREOF**
[54] **INHIBITEUR KINASE ET SON UTILISATION**
[72] WU, FRANK, CN
[72] CHEN, BO, CN
[73] XUANZHU PHARMA CO., LTD., CN
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[25] EN
[54] **A LID AND METHOD OF USING A LID**
[54] **COUVERCLE ET PROCEDE D'UTILISATION D'UN COUVERCLE**
[72] FITZSIMONS, COLIN, US
[73] CORYTUS, LLC, US
[85] 2016-07-04
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[54] **COLD PRESSURE FIX TONER COMPOSITIONS BASED ON CRYSTALLINE POLYESTER AND AMORPHOUS ORGANIC COMPOUND MIXTURES**
[54] **COMPOSITIONS D'ENCRE SECHE A FIXATION PAR PRESSION FROIDE FONDEES SUR DES MELANGES DE POLYESTER CRISTALLIN ET D'UN COMPOSE ORGANIQUE AMORPHE**
[72] MORIMITSU, KENTARO, CA
[72] SCARIPANTE, GUERINO G., CA
[72] ZHOU, KE, CA
[72] HU, NAN-XING, CA
[72] VEREGIN, RICHARD PHILIP NELSON, CA
[73] XEROX CORPORATION, US
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[87] (2935289)
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[54] **RAILCAR TRUCK ROLLER BEARING ADAPTER-PAD SYSTEMS**
[54] **SYSTEMES A PATIN ADAPTATEUR POUR PALIER A ROULEAUX DE WAGON DE MARCHANDISES**
[72] GOTLUND, ERIK L., US
[72] JEAMBEY, JON R., US
[72] NIBOUAR, F. ANDREW, US
[72] PIKE, JAMES A., US
[72] BRYANT, JASON C., US
[72] STULL, JONATHAN A., US
[72] KURTZHALS, WILLIAM A., US
[72] MANIBHARATHI, ROSHAN N., US
[73] NEVIS INDUSTRIES LLC, US
[85] 2016-06-28
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[87] (WO2015/103075)
[30] US (61/921,961) 2013-12-30
[30] US (62/065,438) 2014-10-17
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[25] EN
[54] **VIDEO DECODER, VIDEO ENCODER, VIDEO DECODING METHOD, AND VIDEO ENCODING METHOD**
[54] **DECODEUR VIDEO, ENCODEUR VIDEO, PROCEDE DE DECODAGE VIDEO ET PROCEDE D'ENCODAGE VIDEO**
[72] SHIMADA, SATOSHI, JP
[72] KAZUI, KIMIHIKO, JP
[72] KOYAMA, JUNPEI, JP
[72] NAKAGAWA, AKIRA, JP
[73] FUJITSU LIMITED, JP
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[54] **TRANSDUCTEUR QUANTIQUE A MICRO-ONDE OPTIQUE**
[72] PARK, JAE I., US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2016-07-05
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[54] **METHOD OF MANUFACTURING UNI- AND NO-CODE TEST STRIPS**
[54] **METHODE DE FABRICATION DE BANDES DE TESTS UNICODE ET SANS CODE**
[72] IBACH, ALEXANDER, DE
[72] ISGOEREN, YILMAZ, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-07-08
[86] 2015-01-22 (PCT/EP2015/051199)
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[54] **VOCAL DRILLING ALARM NOTIFICATION**
[54] **NOTIFICATION D'ALARME DE FORAGE VOCALE**
[72] GIBB, JOHN, US
[72] PHAM, SON VAN, US
[72] LEMA, RAUL ELOY, US
[73] CONOCOPHILLIPS COMPANY, US
[85] 2016-07-15
[86] 2015-02-13 (PCT/US2015/015900)
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[30] US (61/939,463) 2014-02-13
[30] US (14/621,710) 2015-02-13

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[54] **WOOD-BAMBOO DOUBLE LAYER FLOOR**
[54] **PLANCHER A DOUBLE COUCHE BOIS-BAMBOU**
[72] ZHANG, GAORONG, CN
[72] QIAO, RENLI, CN
[72] ZHANG, JIANXIANG, CN
[73] JIASHAN HUIJIALE DECORATION MATERIAL CO., LTD, CN
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[22] 2016-07-26
[30] CN (201510445323.6) 2015-07-27
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[25] EN
[54] **ELECTRICAL DEVICE WITH FILTER MESH BLOCKAGE DETECTION FUNCTION**
[54] **DISPOSITIF ELECTRIQUE DOTE D'UNE FONCTION DE DETECTION DE BLOCAGE DE TOILE DE FILTRE**
[72] WANG, JIZHONG, CN
[72] ZHOU, YIQIAO, CN
[72] ZHANG, ZHENG, CN
[72] ZHANG, XIANSHENG, CN
[72] SUN, HAIRONG, CN
[72] ZHAO, YONG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
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[54] **SURGICAL STAPLING INSTRUMENTS INCLUDING A CARTRIDGE HAVING MULTIPLE STAPLE SIZES**
[54] **AGRAFEUSES CHIRURGICALES COMPRENANT UNE CARTOUCHE AVEC DE MULTIPLES GRANDEURS D'AGRAFES**
[72] HOLSTEN, HENRY, US
[72] VIOLA, FRANK J., US
[72] EMMONS, CLIFFORD L., US
[72] BEARDSLEY, JOHN W., US
[72] HEINRICH, RUSSELL, US
[73] COVIDIEN LP, US
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[25] EN
[54] **STICK WELDING ELECTRODE HOLDER SYSTEMS AND METHODS**
[54] **SYSTEMES DE SUPPORT D'ELECTRODE POUR SOUDAGE A L'ELECTRODE ET METHODES**
[72] BECKER, WILLIAM JOSHUA, US
[72] MARCUSEN, DAVID PAUL, US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2937584)
[87] (2937584)
[22] 2016-08-02
[30] US (62/204,191) 2015-08-12
[30] US (15/211,743) 2016-07-15

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[51] **Int.Cl. A61L 2/07 (2006.01) A61L 2/00 (2006.01) A61L 2/26 (2006.01)**
[25] EN
[54] **STERILIZING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE STERILISATION**
[72] TURBETT, ROBERT E., US
[72] RICHMOND, RICHARD D., US
[73] TURBETT SURGICAL LLC, US
[85] 2016-07-28
[86] 2015-01-07 (PCT/US2015/010464)
[87] (WO2015/116356)
[30] US (14/167,691) 2014-01-29
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[51] **Int.Cl. G01V 3/20 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MAPPING DEEP ANOMALOUS ZONES OF ELECTRICAL RESISTIVITY**
[54] **SYSTEME ET PROCEDE DE MISE EN CORRESPONDANCE DE ZONES DE RESISTIVITE ELECTRIQUE ANORMALES PROFONDES**
[72] MORRISON, H. FRANK, US
[73] GROUNDMETRICS, INC., US
[85] 2016-08-02
[86] 2015-02-13 (PCT/US2015/015805)
[87] (WO2015/123515)
[30] US (61/965,985) 2014-02-13

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[51] **Int.Cl. B65B 31/02 (2006.01) B65B 51/10 (2006.01) B65D 81/20 (2006.01)**
[25] EN
[54] **SEALING BAR FOR A VACUUM DRAWER AND VACUUM DRAWER**
[54] **BARRE D'ETANCHEITE DESTINEE A UN TIROIR A VIDE ET TIROIR A VIDE**
[72] BOCKS, STEFAN, DE
[72] HARLANDER, FLORIAN, AT
[72] KOPFENSTEINER, PETER, AT
[73] MICHATEK K.S., SK
[86] (2938856)
[87] (2938856)
[22] 2016-08-11
[30] DE (10 2015 010 432.2) 2015-08-11

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[13] C
[51] **Int.Cl. A61N 1/18 (2006.01) A61N 1/04 (2006.01)**
[25] EN
[54] **HEALING DISC, A PAIN MANAGEMENT ASSEMBLY INCORPORATING THE DISC, AND A METHOD OF USING THE SAME**
[54] **DISQUE DE CICATRISATION, ENSEMBLE DE GESTION DE LA DOULEUR INCORPORANT LE DISQUE ET PROCEDE L'UTILISANT**
[72] HOLDING, GARTH HOWARD, CA
[72] DICKIE, ROBERT G., CA
[73] HOLDING, GARTH HOWARD, CA
[85] 2016-08-11
[86] 2014-10-20 (PCT/CA2014/051015)
[87] (WO2015/058296)
[30] US (14/058,405) 2013-10-21

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[25] EN
[54] **VENA CAVA FILTER WITH FILAMENT**
[54] **FILTRE DE VEINE CAVE DOTE D'UN FILAMENT**
[72] HARRIS, KEITH S., US
[72] CHANDUSZKO, ANDRZEJ J., US
[72] SMALE, JOSHUA A., US
[72] DICLAUDIO, KAREN A., US
[73] C.R. BARD, INC., US
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[13] C
[51] **Int.Cl. F25B 21/00 (2006.01)**
[25] EN
[54] **MAGNETIC REGENERATOR UNIT AND MAGNETIC COOLING SYSTEM WITH THE SAME**
[54] **UNITE DE REGENERATEUR MAGNETIQUE ET SYSTEME DE REFROIDISSEMENT MAGNETIQUE LA COMPORTANT**
[72] KIM, JIN HAN, KR
[72] PARK, IL HAN, KR
[72] KUK, KEON, KR
[72] CHOI, WOO HYEK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] RESEARCH AND BUSINESS FOUNDATION SUNGKYUNKWAN UNIVERSITY, KR
[85] 2016-08-30
[86] 2015-03-16 (PCT/KR2015/002519)
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[30] KR (10-2014-0031629) 2014-03-18

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[51] **Int.Cl. E06B 1/70 (2006.01)**
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[54] **DOORSILL**
[54] **SEUIL DE PORTE**
[72] SWANK, THOMAS C., US
[72] JASKIEWICZ, TOMASZ, US
[72] PROCTON, BRUCE E., US
[72] HEID, GEORGE, US
[72] VAN CAMP, BRENT, US
[72] MITCHELL, MICHAEL K., US
[73] ENDURA PRODUCTS, INC., US
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[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING A CLOSED-SIDE AND/OR OPEN-SIDE SETTING OF A GYRATORY CRUSHER**
[54] **SYSTEME ET PROCEDE POUR MESURER UN REGLAGE DE COTE FERME ET/OU DE COTE OUVERT D'UN CONCASSEUR GIRATOIRE**
[72] SHUMKA, THOMAS, CA
[72] SHUMKA, JASON, CA
[73] CRUSHER VISION, INC., CA
[85] 2016-09-21
[86] 2015-03-31 (PCT/IB2015/052349)
[87] (WO2015/151018)
[30] US (61/972,474) 2014-03-31

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[13] C
[51] **Int.Cl. B42D 15/04 (2006.01)**
[25] EN
[54] **COMBINATION GREETING CARD AND GIFT CARD PRESENTER**
[54] **COMBINAISON PRESENTATEUR CARTE DE VOEUX ET CARTE-CADEAU**
[72] FLUHARTY, CHARITY ROBIN, US
[73] HALLMARK CARDS, INCORPORATED, US
[85] 2016-09-27
[86] 2015-03-27 (PCT/US2015/023022)
[87] (WO2015/148939)
[30] US (61/971,414) 2014-03-27
[30] US (14/669,880) 2015-03-26

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[51] **Int.Cl. E21B 19/14 (2006.01) E21B 15/00 (2006.01) E21B 19/08 (2006.01)**
[25] EN
[54] **PARKING SYSTEM FOR A PIPE RACKER ON A DRILLING RIG**
[54] **SYSTEME DE STATIONNEMENT POUR UN RATELIER A TIGES SUR UN APPAREIL DE FORAGE**
[72] MAGNUSON, CHRISTOPHER, US
[72] BROWN, MARVIN, US
[72] DEUTSCH, ERIC, US
[72] RADOVANOVIC, PREDRAG, RS
[72] DJURIC, MIODRAG, RS
[73] NABORS INDUSTRIES, INC., US
[85] 2016-09-30
[86] 2015-03-20 (PCT/US2015/021799)
[87] (WO2015/175093)
[30] US (14/279,986) 2014-05-16

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[51] **Int.Cl. E21B 47/00 (2012.01) E21B 43/26 (2006.01) G01V 3/18 (2006.01)**
[25] EN
[54] **FRACTURE GROWTH MONITORING USING EM SENSING**
[54] **SURVEILLANCE DE CROISSANCE D'UNE FRACTURE A L'AIDE D'UNE DETECTION ELECTROMAGNETIQUE**
[72] JAASKELAINEN, MIKKO, US
[72] SMITH, KEN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-05
[86] 2014-04-24 (PCT/US2014/035368)
[87] (WO2015/163899)

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[25] EN
[54] **A LINER COMPONENT FOR A GRINDING MILL AND METHOD OF FABRICATING THE COMPONENT**
[54] **ELEMENT DE REVETEMENT POUR BROYEUR ET PROCEDE DE FABRICATION DE L'ELEMENT**
[72] TOWN, STUART, AU
[73] WEIR MINERALS AUSTRALIA LTD, AU
[86] (2946209)
[87] (2946209)
[22] 2009-08-11
[62] 2,733,641
[30] AU (2008904094) 2008-08-11

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[51] **Int.Cl. H04B 1/38 (2015.01) H04B 1/3827 (2015.01) H01Q 7/00 (2006.01) H04B 1/40 (2015.01) H04L 27/26 (2006.01)**
[25] EN
[54] **THROUGH-THE-EARTH EMERGENCY RADIO SYSTEM**
[54] **SYSTEME RADIO D'URGENCE A TRAVERS LA TERRE**
[72] ROPER, MICHAEL JAMES, CA
[72] KWASNIOK, PETER, CA
[72] PUUZAKOV, VLADIMIR, CA
[73] VITAL ALERT COMMUNICATION INC., CA
[85] 2016-10-20
[86] 2015-04-24 (PCT/CA2015/000268)
[87] (WO2015/161360)
[30] US (61/984,329) 2014-04-25

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[13] C
[51] **Int.Cl. F16K 7/06 (2006.01) A47J 31/46 (2006.01) F16K 7/02 (2006.01)**
[25] EN
[54] **PINCH VALVE FOR DISPENSING LIQUID**
[54] **ROBINET A MANCHON DESTINE A LA DISTRIBUTION DE LIQUIDE**
[72] WILSON, AVERY, CA
[72] GAY, BRIAN, CA
[72] COLE, DEREK, CA
[72] MACLEAN, IAN, CA
[72] SHORE, RONALD, CA
[72] TOFFLEMIRE, JEFFREY, CA
[73] A.C. DISPENSING EQUIPMENT INC., CA
[86] (2946946)
[87] (2946946)
[22] 2016-10-31
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[51] **Int.Cl. B25H 3/04 (2006.01) B25H 3/00 (2006.01) B25B 13/06 (2006.01)**
[25] EN
[54] **SOCKET HOLDING FRAME**
[54] **CADRE DE MAINTIEN DE DOUILLE**
[72] KAO, JUI-CHIEN, TW
[73] KAO, JUI-CHIEN, CN
[86] (2947229)
[87] (2947229)
[22] 2016-11-02

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[51] **Int.Cl. E21B 17/10 (2006.01)**
[25] EN
[54] **INTEGRAL CENTRALIZER**
[54] **CENTREUR EN UNE SEULE PIECE**
[72] LEVIE, IAIN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2950164)
[87] (2950164)
[22] 2011-12-09
[62] 2,819,304
[30] US (12/964,605) 2010-12-09

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[51] **Int.Cl. G02B 7/04 (2006.01) H02K 33/00 (2006.01)**
[25] EN
[54] **ZOOM LENS**
[54] **OBJECTIF A ZOOM**
[72] HU, XIAOPING, CN
[73] BOLYMEDIA HOLDINGS CO. LTD., US
[85] 2016-11-29
[86] 2014-05-30 (PCT/CN2014/078898)
[87] (WO2015/180121)

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[54] **FLUOROALKYL SILANES**
[54] **FLUOROALKYL-SILANES**
[72] HERZOG, AXEL HANS-JOACHIM, US
[72] BROWN, GERALD ORONDE, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
[86] (2950651)
[87] (2950651)
[22] 2008-12-01
[62] 2,706,614
[30] US (61/005,444) 2007-12-04
[30] US (12/323,593) 2008-11-26

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[51] **Int.Cl. B65D 77/06 (2006.01)**
[25] EN
[54] **PORTABLE WATER SUPPLY**
[54] **RESERVOIR D'EAU TRANSPORTABLE**
[72] SEIBOLD, WILLIAM, US
[73] MARLIDO, LLC, US
[85] 2016-12-02
[86] 2015-05-21 (PCT/US2015/031871)
[87] (WO2015/187374)
[30] US (14/295,281) 2014-06-03

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[13] C
[51] **Int.Cl. B64C 9/00 (2006.01) B64D 9/00 (2006.01)**
[25] EN
[54] **DEFLECTOR ASSEMBLY FOR AN AIRCRAFT**
[54] **DISPOSITIF DE DEFLECTEUR DESTINE A UN AERONEF**
[72] VON-WILMOWSKY, KASPAR, DE
[72] ERNST, GERALD, DE
[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[86] (2951562)
[87] (2951562)
[22] 2016-12-13

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[13] C
[51] **Int.Cl. B64C 27/04 (2006.01) B64C 23/00 (2006.01)**
[25] FR
[54] **TAIL BOOM OF A ROTORCRAFT, AND ROTORCRAFT**
[54] **POUTRE DE QUEUE DE GIRAVION, ET GIRAVION**
[72] LEUSINK, DEBBIE, FR
[72] ALFANO, DAVID, FR
[73] AIRBUS HELICOPTERS, FR
[85] 2016-12-09
[86] 2015-06-04 (PCT/EP2015/062519)
[87] (WO2016/008639)
[30] FR (1401589) 2014-07-16

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[13] C
[51] **Int.Cl. F16L 55/179 (2006.01) F16L 55/163 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REPAIRING A PIPE JUNCTION**
[54] **PROCEDE ET APPAREIL POUR REPARER UN RACCORDEMENT DE TUBE**
[72] KIEST, LARRY W., JR., US
[73] LMK TECHNOLOGIES, LLC, US
[86] (2952257)
[87] (2952257)
[22] 2013-03-14
[62] 2,868,347
[30] US (13/429,060) 2012-03-23

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[13] C
[51] **Int.Cl. F24F 13/32 (2006.01)**
[25] EN
[54] **INDOOR UNIT OF AIR CONDITIONER**
[54] **UNITE DE CLIMATISATION INTERIEURE**
[72] CAI, ZHICAI, CN
[72] LIU, XING, CN
[72] BAI, XIAOFENG, CN
[72] ZHANG, XINZHOU, CN
[73] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
[73] MIDEA GROUP CO., LTD., CN
[85] 2016-12-14
[86] 2015-03-31 (PCT/CN2015/075629)
[87] (WO2016/154952)

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[51] **Int.Cl. A61F 2/78 (2006.01) A61F 2/80 (2006.01)**
[25] EN
[54] **PERFORATED LINER**
[54] **MANCHON PERFORE**
[72] WALTER, DENNIS, DE
[73] UNIPROX GMBH & CO. KG, DE
[85] 2016-12-28
[86] 2015-07-21 (PCT/EP2015/066602)
[87] (WO2016/012423)
[30] DE (10 2014 011 034.6) 2014-07-23

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[13] C
[51] **Int.Cl. H04B 7/185 (2006.01) H05K 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SATELLITE USING MULTIFUNCTIONAL MOTHERBOARD**
[54] **SYSTEME ET PROCEDE POUR UN SATELLITE UTILISANT UNE CARTE MERE MULTIFONCTIONNELLE**
[72] RALPH, LOREN E., US
[72] RODGERS, EDDIE, US
[72] ROBERSON, JAMES H., US
[73] L3 TECHNOLOGIES, INC., US
[85] 2017-01-04
[86] 2014-10-14 (PCT/US2014/060550)
[87] (WO2015/178953)
[30] US (62/000,509) 2014-05-19

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[13] C
[51] **Int.Cl. G08G 1/14 (2006.01) G08G 1/0968 (2006.01)**
[25] EN
[54] **PUBLIC PARKING SPACE REMOTE RESERVATION SYSTEM**
[54] **SYSTEME DE RESERVATION A DISTANCE D'ESPACE DE STATIONNEMENT PUBLIC**
[72] DERMOSESSIAN, RAPHAEL, CA
[73] PLEMICOR HOLDINGS CANADA INC., CA
[86] (2954890)
[87] (2954890)
[22] 2017-01-13
[30] US (14996184) 2016-01-14

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[13] C
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 10/00 (2006.01)**
[25] EN
[54] **DEGRADABLE DOWNHOLE TOOLS COMPRISING MAGNESIUM ALLOYS**
[54] **OUTILS DE FOND DE TROU DEGRADABLES COMPRENANT DES ALLIAGES DE MAGNESIUM**
[72] WALTON, ZACHARY, US
[72] FRIPP, MICHAEL LINLEY, US
[72] JURGENSMEIER, MICHAEL JAMES, US
[72] MURPHREE, ZACHARY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-12
[86] 2014-08-28 (PCT/US2014/053185)
[87] (WO2016/032490)

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[25] EN
[54] **DEAERATOR (VARIANTS)**
[54] **DESAERATEUR (ET VARIANTES)**
[72] BEZLEPKIN, VLADIMIR VIKTOROVICH, RU
[72] AMELYUSHINA, ANZHELA GENNADIEVNA, RU
[72] LITVINENKO, LIDIYA DMITRIEVNA, RU
[72] KUKHTEVICH, VLADIMIR OLEGOVICH, RU
[72] MITRYUKHIN, ANDREY GENNADIEVICH, RU
[72] USTINOV, MIKHAIL SERGEEVICH, RU
[72] KURCHEVSKY, ALEXEI IVANOVICH, RU
[73] JOINT-STOCK COMPANY SCIENTIFIC RESEARCH AND DESIGN INSTITUTE FOR ENERGY TECHNOLOGIES ATOMPROEKT (JSC ATOMPROEKT), RU
[73] JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS" ("SCIENCE AND INNOVATIONS", JSC), RU
[85] 2017-01-19
[86] 2015-07-24 (PCT/RU2015/000466)
[87] (WO2016/013961)
[30] RU (2014130847) 2014-07-24

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[51] **Int.Cl. B66F 3/08 (2006.01) B66F 3/18 (2006.01)**
[25] EN
[54] **CABINET INSTALLATION DEVICE**
[54] **DISPOSITIF D'INSTALLATION D'ARMOIRE**
[72] YOUNG, RONALD L., CA
[73] YOUNG, RONALD L., CA
[86] (2956461)
[87] (2956461)
[22] 2017-01-30
[30] US (14/810,024) 2015-07-27

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[51] **Int.Cl. C08B 15/04 (2006.01) A61K 8/73 (2006.01) G01K 11/16 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING FUNCTIONALIZED NANOCRYSTALLINE CELLULOSE AND FUNCTIONALIZED NANOCRYSTALLINE CELLULOSE THEREBY PRODUCED**
[54] **PROCEDE DE PRODUCTION DE CELLULOSE NANOCRISTALLINE FONCTIONNALISEE ET CELLULOSE NANOCRISTALLINE FONCTIONNALISEE AINSI PRODUITE**
[72] ANDREWS, MARK P., CA
[72] MORSE, TIMOTHY, CA
[73] ANOMERA INC., CA
[85] 2017-01-27
[86] 2015-07-27 (PCT/CA2015/050707)
[87] (WO2016/015148)
[30] US (62/029,761) 2014-07-28

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[51] **Int.Cl. H04M 1/04 (2006.01)**
[25] EN
[54] **APPARATUS TO ASSIST A USER WITH HOLDING A MOBILE DEVICE**
[54] **APPAREIL POUR AIDER UN UTILISATEUR A TENIR UN DISPOSITIF MOBILE**
[72] HIRSCH, ALLEN, US
[73] HIRSCH, ALLEN, US
[85] 2017-01-31
[86] 2015-07-31 (PCT/US2015/043136)
[87] (WO2016/019256)
[30] US (14/449,858) 2014-08-01

[11] **2,957,403**
[13] C
[51] **Int.Cl. B63B 25/16 (2006.01) B65D 90/06 (2006.01) F17C 1/12 (2006.01)**
[25] EN
[54] **CORNER STRUCTURE OF LNG STORAGE TANK**
[54] **STRUCTURE DE COIN DE RESERVOIR DE STOCKAGE DE GNL**
[72] HAN, HAE CHUL, KR
[72] YOON, IHN SOO, KR
[72] SEO, HEUNG SEOK, KR
[72] CHO, YONG BUM, KR
[72] KIM, YOUNG KYUN, KR
[72] JIN, KYO KOOK, KR
[72] LEE, YEONG BEOM, KR
[72] CHOE, KUN HYUNG, KR
[73] KC LNG TECH CO., LTD., KR
[85] 2017-02-06
[86] 2015-08-06 (PCT/KR2015/008231)
[87] (WO2016/021948)
[30] KR (10-2014-0101189) 2014-08-06
[30] KR (10-2015-0012010) 2015-01-26

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[13] C
[51] **Int.Cl. C07D 413/12 (2006.01)**
[25] EN
[54] **PROCESS FOR LARGE SCALE PRODUCTION OF N-[4-(1-CYCLOBUTYL PIPERIDIN-4-YLOXY) PHENYL]-2-(MORPHOLIN-4-YL) ACETAMIDE DIHYDROCHLORIDE**
[54] **PROCEDE DE PRODUCTION A GRANDE ECHELLE DE DICHLORHYDRATE DE N-[4-(L-CYCLOBUTYL-PIPERIDIN-4-YLOXY)PHENYL]-2-(MORPHOLIN-4-YL)-ACETAMIDE**
[72] NIROGI, RAMAKRISHNA, IN
[72] SHINDE, ANIL KARBHARI, IN
[72] KAMBHAMPATI, RAMASASTRI, IN
[72] JASTI, VENKATESWARLU, IN
[73] SUVEN LIFE SCIENCES LIMITED, IN
[85] 2017-02-07
[86] 2014-10-20 (PCT/IN2014/000666)
[87] (WO2016/027275)
[30] IN (4010/CHE/2014) 2014-08-16

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[13] C
[51] **Int.Cl. H01M 8/2475 (2016.01) H01M 8/02 (2016.01) H01M 8/04 (2016.01)**
[25] EN
[54] **FUEL CELL UNIT**
[54] **MODULE DE PILE A COMBUSTIBLE**
[72] KATANO, KOJI, JP
[72] SEKINE, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2958391)
[87] (2958391)
[22] 2017-02-17
[30] JP (2016-035238) 2016-02-26

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[13] C
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/055 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR MAINTAINING PATIENT REGISTRATION IN A SURGICAL NAVIGATION SYSTEM**
[54] **METHODE, SYSTEME ET APPAREIL DE MAINTIEN DE L'INSCRIPTION D'UN PATIENT DANS UN SYSTEME DE NAVIGATION CHIRURGICALE**
[72] KUO, YU-CHING AUDREY, CA
[72] SRIMOHANARAJAH, KIRUSHA, CA
[72] SELA, GAL, CA
[72] PANTHER, ALEXANDER GYLES, CA
[72] DYER, KELLY NOEL, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[86] (2958624)
[87] (2958624)
[22] 2017-02-21

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[13] C
[51] **Int.Cl. F02C 7/04 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **AIR INTAKE FOR TURBOPROP ENGINE**
[54] **PRISE D'AIR DESTINEE A UN MOTEUR DE TURBOPROPULSEUR**
[72] GEKHT, EUGENE, CA
[72] BISSON, FRANCOIS, CA
[72] CUNNINGHAM, MARK, CA
[72] DESJARDINS, MICHEL, CA
[72] YAN, GUO RONG, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2958935)
[87] (2958935)
[22] 2017-02-23
[30] US (15/052,214) 2016-02-24

[11] **2,959,585**
[13] C
[51] **Int.Cl. C01F 11/18 (2006.01) A23J 1/08 (2006.01) B01D 21/00 (2006.01) B01D 29/00 (2006.01) B09B 3/00 (2006.01) C01F 11/00 (2006.01)**
[25] EN
[54] **SEPARATION OF CALCIUM CARBONATE EGGSHELLS FROM ORGANIC MEMBRANE**
[54] **SEPARATION DU CARBONATE DE CALCIUM DE COQUILLES D'□UF D'UNE MEMBRANE ORGANIQUE**
[72] TOMAN, MARK, CA
[72] KWINTER, SEAN, CA
[72] VREUGDENHIL, ANDREW, CA
[73] TOMAN, MARK, CA
[85] 2017-02-27
[86] 2015-08-31 (PCT/CA2015/050837)
[87] (WO2016/033684)
[30] US (62/044,472) 2014-09-02

[11] **2,961,010**
[13] C
[51] **Int.Cl. H02B 1/40 (2006.01)**
[25] EN
[54] **ENCLOSURE AND COVER ASSEMBLY THEREFOR**
[54] **ENCEINTE ET ENSEMBLE COUVERCLE CONNEXE**
[72] RANTA, MICHAEL J., US
[73] EATON CORPORATION, US
[86] (2961010)
[87] (2961010)
[22] 2009-08-14
[62] 2,675,581
[30] US (12/195,909) 2008-08-21

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[51] **Int.Cl. B23D 61/12 (2006.01)**
[25] EN
[54] **CUTTING BLADE FOR OSCILLATING TOOL**
[54] **LAME DE COUPE POUR OUTIL OSCILLANT**
[72] MARKS, JOEL S., US
[73] WORKTOOLS, INC., US
[85] 2017-03-14
[86] 2015-09-21 (PCT/US2015/051132)
[87] (WO2016/048855)
[30] US (62/053,576) 2014-09-22
[30] US (14/532,852) 2014-11-04

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[13] C
[51] **Int.Cl. B65D 77/20 (2006.01) B65D 5/54 (2006.01) B65D 5/64 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **CONTAINER STRUCTURE WITH A BUILT-IN OPENING AND RECLOSING FEATURE**
[54] **STRUCTURE DE RECIPIENT MUNIE D'UN ELEMENT D'OUVERTURE ET DE REFERMETURE INCORPORE**
[72] HUFFER, SCOTT WILLIAM, US
[73] SONOCO DEVELOPMENT, INC., US
[85] 2017-03-30
[86] 2015-09-30 (PCT/IB2015/057508)
[87] (WO2016/051367)
[30] US (62/058,217) 2014-10-01

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[13] C
[51] **Int.Cl. A61B 17/322 (2006.01) A61B 17/3205 (2006.01)**
[25] EN
[54] **PIXEL ARRAY MEDICAL DEVICES AND METHODS**
[54] **DISPOSITIFS MEDICAUX A RESEAU DE PIXELS ET PROCEDES**
[72] KNOWLTON, EDWARD, US
[73] SRGI HOLDINGS LLC, US
[86] (2966017)
[87] (2966017)
[22] 2013-12-06
[62] 2,894,280
[30] US (61/734,313) 2012-12-06
[30] US (61/885,734) 2013-10-02

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[13] C
[51] **Int.Cl. A61B 3/113 (2006.01) A61B 3/11 (2006.01) A61B 5/16 (2006.01)**
[25] EN
[54] **BIOSENSORS, COMMUNICATORS, AND CONTROLLERS MONITORING EYE MOVEMENT AND METHODS FOR USING THEM**
[54] **BIOCAPTEURS,COMMUNICATEURS ET CONTROLEURS PERMETTANT DE SURVEILLER LE MOUVEMENT DE L'OEIL ET METHODES D'UTILISATION DE CES DERNIERS**
[72] TORCH, WILLIAM C., US
[73] GOOGLE LLC, US
[86] (2967756)
[87] (2967756)
[22] 2005-04-01
[62] 2,561,287
[30] US (60/559,135) 2004-04-01

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[13] C
[51] **Int.Cl. G06F 8/65 (2018.01) G06F 8/71 (2018.01)**
[25] EN
[54] **ENHANCED UPGRADE PATH**
[54] **CHEMIN DE MISE A JOUR AMELIORE**
[72] CHALLA, PRABHAKAR, US
[72] LI, JINGYING, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2968951)
[87] (2968951)
[22] 2010-12-09
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[54] **AMELIORATION DE LA DETECTION ET DE SIGNALISATION DE L'APPROCHE DU DOMAINE DE VORTEX PAR UN GIRAVION**
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[72] PIGNIER, LIONEL, FR
[73] AIRBUS HELICOPTERS, FR
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[72] ZAGGL, ALEXANDER, DE
[72] HELLER, BERNADETTE, US
[72] HARTMANN, ANDRE, DE
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[54] **SYSTEME D'AMPLIFICATION D'ESPECES D'ADN FOETALES**
[72] LO, YUK MING DENNIS, CN
[72] POON, LIT MAN, CN
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[54] **MACHINES ET METHODES DE SOUFFLAGE DE LA NEIGE ET D'EPANDAGE D'AGENTS FONDANTS**
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[73] KEYBLOK INC., CA
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[72] FLOROS, MICHAEL C., CA
[72] NARINE, SURESH S., CA
[72] TESSIER, MICHAEL, CA
[73] TRENT UNIVERSITY, CA
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[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'UN FLUIDE COMPRENANT DES HYDROCARBURES**
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[54] **LANCETS FOR BODILY FLUID SAMPLING SUPPLIED ON A TAPE**
[54] **LANCETTES POUR L'ECHANTILLONNAGE DE LIQUIDE BIOLOGIQUE DISPOSEES SUR UNE BANDE**
[72] RANEY, CHARLES C., US
[72] LIST, HANS, DE
[72] ROE, STEVEN N., US
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[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR LA DISTRIBUTION DE GAZ DANS UN DISPOSITIF DE SORPTION**
[72] ROCKENFELLER, UWE, US
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[73] ROCKY RESEARCH, US
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[54] **PROCEDE DE REGENERATION DU CATALYSEUR D'HYDROGENATION D'UN COMPOSE DE PHTALATE**
[72] JUNG, KI TAEG, KR
[72] YOON, KYONG JUN, KR
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[54] **DISPOSITIF ET PROCEDE D'ECHAUDAGE DE VOLAILLES ABATTUES**
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[72] COLE, EUGENE O., II, US
[73] LA-Z-BOY INCORPORATED, US
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[54] **DISPOSITIF DE MONTAGE ET D'ACTIONNEMENT AMELIORE**
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[72] GRIFFIN, ROBERT, CA
[72] BOULARD, NORMAN, CA
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[72] JASTER, PAUL AUGUST, US
[73] SOLATUBE INTERNATIONAL, INC., US
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[54] **SYSTEMES ET PROCEDES D'ENREGISTREMENT DE TRANSACTIONS DE CHAINE DE BLOCS**
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[72] PANISCOTTI, DOMINICK, US
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[54] **SYSTEME DE COMMANDE SANS FIL DE COUSSINS PNEUMATIQUES**
[72] VAN BUSKIRK, LOYD, US
[72] MELDAHL, BRIAN, US
[72] VAN BUSKIRK, DYLAN, US
[72] VAN BUSKIRK, STEVEN, US
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[54] **SYSTEMES ET PROCEDES DE RECEPTION DE PAQUET**
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[54] **PORTE-CHARGE COMPRENANT UN AGENCEMENT DE VERROUILLAGE**
[72] TUYLUCE, ABDURRAHMAN, DE
[72] FRITSCHE, GUNTHER, DE
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[54] **SYSTEME D'IMAGERIE MEDICALE POUR DETERMINER UNE ORIENTATION DE BALAYAGE**
[72] KUO, YU-CHING (AUDREY), CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **PROCEDES ET SYSTEMES D'ELIMINATION DE MATIERE PARTICULAIRE A PARTIR D'UN COURANT DE GAZ D'ECHAPPEMENT INDUSTRIEL**
[72] WEBB, RUSSELL, US
[72] TAYLOR, RODNEY, US
[72] HORN, DANIEL, US
[72] BERGSTRASSER, RALF, DE
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[54] **DISPOSITIF ET PROCEDE DE RECUPERATION D'ITINERAIRE**
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[72] KOMADA, HIDEAKI, JP
[72] KAWAMOTO, NOBUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[72] CARLSON, LAURENCE A., US
[72] COYNE, JEREMY DANIEL, US
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] EBERT, SEAN MICHAEL, US
[72] GIALLOMBARDO, RICHARD G., US
[72] STEFFES, MICHAEL J., US
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[73] THERMA-STOR LLC, US
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[54] **PROCEDE POUR LA CONVERSION DE METHANE EN HYDROCARBURES SUPERIEURS, NOTAMMENT DES CARBURANTS LIQUIDES**
[72] MARKER, TERRY L., US
[72] LINCK, MARTIN B., US
[72] WANGEROW, JIM, US
[72] ORTIZ-TORAL, PEDRO, US
[72] KLINGHOFFER, NAOMI, US
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[54] **SYSTEME DE GESTION DE MODULATION DE PHOTONS POUR LA STIMULATION DE REPONSE SOUHAITEE CHEZ DES OISEAUX**
[72] SUNTYCH, JON DAREN, US
[73] XIANT TECHNOLOGIES, INC., US
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[72] SIBTAIN, FAZLE, CA
[72] DOBBIN, CHRISTOPHER, CA
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[72] KHAKDAMAN, HAMIDREZA, US
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[54] **PROCEDE ET APPAREIL DE DETECTION D'ECHANTILLON**
[72] STROHM, ERIC M., CA
[72] MOORE, MICHAEL J., CA
[72] KOLIOS, MICHAEL C., CA
[71] STROHM, ERIC M., CA
[71] MOORE, MICHAEL J., CA
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[54] **SYSTEME DE CAPTEUR DE SERRURES DE PORTE DISTANTES**
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[72] HYLAND, JAMES, CA
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[54] **MAGNETIC DOOR SECURING DEVICE FOR USE ON A DOOR STOPPER**
[54] **DISPOSITIF DE FIXATION DE PORTE MAGNETIQUE POUR UTILISATION SUR UNE BUTEE DE PORTE**
[72] SOBOLEWSKI, FRANCIS M., CA
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[72] LIVELY, KYLE JAY, US
[72] MARSHALL, GREGORY CHARLES, US
[72] LASKAR, WILLIAM JOSEPH, US
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[54] **PROCEDE ET APPAREIL POUR LA PREPARATION D'UN LIT DE SEMENCES**
[72] CRESSWELL, MARK, CA
[72] LUNG, DEVIN, CA
[72] BAYNE, KYLE, CA
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[25] EN
[54] **A NON-INVASIVE METHOD OF JOINTS INTERVENTION AND DEVICES FOR JOINTS INTERVENTION IN HUMANS AND ANIMALS**
[54] **METHODE NON INVASIVE EN MATIERE D'INTERVENTION ARTICULAIRE ET DISPOSITIFS POUR INTERVENTION ARTICULAIRE CHEZ LES HUMAINS ET LES ANIMAUX**
[72] NASIR, NABEEL, CA
[71] NASIR, NABEEL, CA
[22] 2017-02-15
[41] 2018-08-15

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[51] **Int.Cl. F27D 21/02 (2006.01) F23M 11/04 (2006.01) G03B 17/55 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE CAMERA PROBE**
[54] **SONDE POUR CAMERA HAUTE TEMPERATURE**
[72] ZANGANEH, KOUROSH E., CA
[72] SALVADOR, CARLOS, CA
[71] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
[22] 2017-02-15
[41] 2018-08-15

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[13] A1
[51] **Int.Cl. E04C 3/09 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT STEEL CONSTRUCTION**
[54] **CONSTRUCTION EN ACIER LEGER**
[72] LIU, TAI YU, TW
[72] DO, FENG CHYI, TW
[71] LIU, TAI YU, TW
[71] DO, FENG CHYI, TW
[22] 2017-02-16
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[13] A1
[51] **Int.Cl. A61K 47/24 (2006.01) A61K 9/10 (2006.01) A61K 31/352 (2006.01) A61K 36/258 (2006.01) A61K 36/82 (2006.01) A61K 47/12 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR IMPROVING COGNITION AND BRAIN BIOAVAILABILITY OF GINSENG AND GINSENOSIDES AND TREATING NEURODEGENERATIVE DISEASE AND NEUROLOGICAL DISORDERS**
[54] **COMPOSITION ET PROCEDE POUR AMELIORER LA COGNITION ET LA BIODISPONIBILITE DU GINSENG ET DES GINSENOSIDES DANS LE CERVEAU ET TRAITER LES MALADIES NEURODEGENERATIVES ET LES TROUBLESNEUROLOGIQUES**
[72] KAY, DENIS G., CA
[72] MCLELLAN, ALEXANDER, CA
[71] NEURODYN LIFE SCIENCES INC., CA
[22] 2017-02-16
[41] 2018-08-16

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[51] **Int.Cl. G06F 17/10 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CONTINUOUS STATE ESTIMATION AND SIGNAL CLASSIFICATION WITH DYNAMIC MOVEMENT PRIMITIVES**
[54] **PROCEDES ET SYSTEMES POUR UNE ESTIMATION D'ETAT ET UNE CLASSIFICATION DE SIGNAUX CONTINUES AVEC CONSTRUCTION DU MOUVEMENT DYNAMIQUE**
[72] BEKOLAY, TREVOR, US
[71] APPLIED BRAIN RESEARCH INC., CA
[22] 2017-02-16
[41] 2018-08-16

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[13] A1
[51] **Int.Cl. A47J 31/00 (2006.01) A23L 2/54 (2006.01) B01F 3/04 (2006.01) B01F 15/02 (2006.01) F16K 15/14 (2006.01) F16K 21/04 (2006.01)**
[25] EN
[54] **CARBONATION DEVICE WITH AN AUTOMATIC PRESSURIZING SYSTEM**
[54] **DISPOSITIF DE GAZEIFICATION AVEC UN SYSTEME DE MISE SOUS PRESSION AUTOMATIQUE**
[72] RAI, CHARN, CA
[71] IBEV HOLDINGS INC., CA
[22] 2017-02-16
[41] 2018-08-16

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[13] A1
[51] **Int.Cl. E04H 13/00 (2006.01)**
[25] FR
[54] **FIBREGLASS FUNERAL MONUMENT**
[54] **MONUMENT FUNERAIRE EN FIBRE DE VERRE**
[72] ROYER, RENAUD, CA
[71] ROYER, RENAUD, CA
[22] 2017-02-15
[41] 2018-08-15

[21] **2,958,229**
[13] A1
[51] **Int.Cl. B30B 9/00 (2006.01) B65F 9/00 (2006.01)**
[25] EN
[54] **FORRESTER MOBILE COMPACTOR**
[54] **COMPACTEUR MOBILE FORRESTER**
[72] FORRESTER, JERRY, CA
[71] FORRESTER, JERRY, CA
[22] 2017-02-15
[41] 2018-08-15

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[13] A1
[51] **Int.Cl. G08B 13/189 (2006.01)**
[25] EN
[54] **PEEPHOLE WIFI CAMERA**
[54] **CAMERA WIFI DE JUDAS**
[72] RATNIK, REIMAR, CA
[71] RATNIK, REIMAR, CA
[22] 2017-02-17
[41] 2018-08-17

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[13] A1
[51] **Int.Cl. E04D 13/15 (2006.01) E04D 13/155 (2006.01)**
[25] EN
[54] **EDGE METAL SYSTEM**
[54] **SYSTEME METALLIQUE A BORDURE**
[72] ARNOLD, KEVIN, US
[72] DIAMOND, THOMAS G., US
[72] HENSLEY, RANDY, US
[72] JONES, GEORGE, US
[72] LORD, TRAVIS DONALD, US
[72] WAHL, ZACHARY MICHAEL, US
[72] RESSO, FRANK V., US
[71] GARLAND INDUSTRIES, INC., US
[22] 2017-02-16
[41] 2018-08-16

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[13] A1
[51] **Int.Cl. C04B 18/12 (2006.01) C04B 18/20 (2006.01) C04B 28/04 (2006.01) C04B 28/08 (2006.01) E21F 15/00 (2006.01)**
[25] EN
[54] **PASTE FOR USE IN MINING PROCESSES**
[54] **PATE POUR UTILISATION DANS DES PROCEDES D'EXPLOITATION MINIERE**
[72] TING, YEN-JUI, CA
[71] TING, YEN-JUI, CA
[22] 2017-02-17
[41] 2018-08-17

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[13] A1
[51] **Int.Cl. A01B 71/08 (2006.01)**
[25] EN
[54] **ROTATING WHEEL OR DISC SCRAPER WITH STRAW WRAP PREVENTION AND AGRICULTURAL IMPLEMENT FEATURING SAME**
[54] **GRATTOIR A ROUE OU DISQUE ROTATIF AVEC PREVENTION D'ENROULEMENT DE PAILLE ET MATERIEL AGRICOLE POURVU DE CELUI-CI**
[72] DEVLOO, MARK, CA
[72] DEVLOO, GERARD, CA
[71] DEVLOO, MARK, CA
[22] 2017-02-17
[41] 2018-08-17

[21] **2,958,441**
[13] A1
[51] **Int.Cl. C10L 11/04 (2006.01) C10L 11/06 (2006.01)**
[25] EN
[54] **FIRE STARTER**
[54] **ALLUME-FEU**
[72] BEYRODT, MICHAEL D., US
[71] BEYRODTS BEST LLC, US
[22] 2017-02-16
[41] 2018-08-16

[21] **2,958,445**
[13] A1
[51] **Int.Cl. B64C 27/08 (2006.01) B64C 29/00 (2006.01)**
[25] EN
[54] **MULTIPOINT DUAL-AXIS TILTROTOR AIRCRAFT**
[54] **AERONEF A VOILURE BASCULANTE A DEUX AXES MULTIPOINTS**
[72] DAPRATO, GARY ANTHONY, CA
[71] DAPRATO, GARY ANTHONY, CA
[22] 2017-02-17
[41] 2018-08-17

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[13] A1
[51] **Int.Cl. F21V 31/00 (2006.01) F21V 29/10 (2015.01) E04H 4/14 (2006.01) F21V 21/02 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **UNDERWATER LIGHT**
[54] **LAMPE SOUS-MARINE**
[72] DYCK, PATRICK C., CA
[71] ARTISTIC LANDSCAPING INC., CA
[22] 2017-02-23
[41] 2018-08-17
[30] US (15/435866) 2017-02-17

[21] **2,961,245**
[13] A1
[51] **Int.Cl. F23G 7/08 (2006.01) F23J 15/00 (2006.01)**
[25] EN
[54] **AUXILIARY BURNER ASSEMBLY AND CONTROL SYSTEM FOR COMBUSTING VENT GASES IN PETROLEUM PRODUCTION AND PROCESSING**
[54] **ENSEMBLE BRULEUR AUXILIAIRE ET SYSTEME DE COMMANDE POUR BRULER DES GAZ EVACUES DE PRODUCTION ET DE TRAITEMENT DU PETROLE**
[72] MALM, HOWARD L., CA
[72] KEAST, LESLIE A., CA
[71] REM TECHNOLOGY INC., CA
[22] 2017-03-17
[41] 2018-08-13
[30] US (15/431,288) 2017-02-13

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[13] A1
[51] **Int.Cl. C08J 9/14 (2006.01) C08J 9/228 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND USES OF CIS-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE**
[54] **COMPOSITIONS ET UTILISATIONS DE CIS-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE**
[72] LING, YIU K., US
[72] BOGDAN, MARY C., US
[72] YU, BIN, US
[72] WILKES, DAVID, US
[72] WILLIAMS, DAVID J., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-04-06
[41] 2018-08-13
[30] US (15/431,114) 2017-02-13

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[13] A1
[51] **Int.Cl. B25B 21/00 (2006.01) B25B 13/06 (2006.01) B25B 13/46 (2006.01)**
[25] EN
[54] **ELECTRIC SOCKET RATCHET WRENCH AND METHOD OF USING THE SAME**
[54] **CLE A ROCHET POUR PRISE ELECTRIQUE ET METHODE D'UTILISATION DE CELLE-CI**
[72] HU, BOBBY, TW
[71] HU, BOBBY, TW
[22] 2017-04-10
[41] 2018-08-17
[30] TW (106105359) 2017-02-17

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[51] **Int.Cl. F16C 11/08 (2006.01) B60G 7/00 (2006.01) F16C 11/06 (2006.01) F16C 23/04 (2006.01)**
[25] EN
[54] **SNAP-IN BEARING FOR AUTOMOTIVE BALL JOINT**
[54] **PALIER ENCLIQUETABLE POUR JOINT A ROTULE D'AUTOMOBILE**
[72] WINTER, SIMON, CA
[72] MCVEIGH, JACK, CA
[72] KEARNS, TYLER, CA
[72] LUIZ, ROSAN, CA
[71] MEVOTECH LP, CA
[22] 2017-05-12
[41] 2018-08-15
[30] US (15/433,296) 2017-02-15

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[13] A1
[51] **Int.Cl. A47C 7/00 (2006.01)**
[25] EN
[54] **PIVOTING GANGING ARMS FOR CHAIRS**
[54] **BRAS DE COUPLAGE PIVOTANTS POUR CHAISES**
[72] KOEHLER, KARL JOSEPH, US
[72] BOUCHE, TIMOTHY JOSEPH, US
[71] KRUEGER INTERNATIONAL, INC., US
[22] 2017-06-12
[41] 2018-08-13
[30] US (15/431,252) 2017-02-13

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[13] A1
[51] **Int.Cl. G02B 6/02 (2006.01) G01D 5/26 (2006.01)**
[25] EN
[54] **MULTICORE OPTICAL FIBER FOR MULTIPOINT DISTRIBUTED SENSING AND PROBING**
[54] **FIBRE OPTIQUE MULTICOEUR POUR DETECTION ET SONDAGE REPARTIS MULTIPOINTS**
[72] PARE, CLAUDE, CA
[72] PARADIS, PATRICK, CA
[72] MENEGHINI, CHIARA, CA
[72] PROULX, ANTOINE, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[22] 2017-02-16
[41] 2018-08-16

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[21] **2,971,055**
[13] A1
[51] **Int.Cl. G01S 13/90 (2006.01) G01S 17/89 (2006.01)**
[25] EN
[54] **PHASE-ERROR CORRECTION IN A SYNTHETIC APERTURE IMAGING SYSTEM WITH LOCAL OSCILLATOR TIME DELAY ADJUSTMENT**
[54] **CORRECTION D'ERREURS DE PHASE DANS UN SYSTEME D'IMAGERIE A OUVERTURE SYNTHETIQUE AVEC REGLAGE DE RETARD DE L'OSCILLATEUR LOCAL**
[72] TURBIDE, SIMON, CA
[72] BERGERON, ALAIN, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[22] 2017-02-17
[41] 2018-08-17

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[13] A1
[51] **Int.Cl. A61K 8/68 (2006.01) A61K 8/65 (2006.01) A61K 8/66 (2006.01) A61K 8/97 (2017.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR IMPROVING SKIN HEALTH AND REDUCING VISIBLE SIGNS OF SKIN AGING**
[54] **PROCEDE ET COMPOSITION POUR AMELIORER LA SANTE CUTANEE ET REDUIRE LES SIGNES VISIBLES DU VIEILLISSEMENT DE LA PEAU**
[72] FOLEY, RYAN JASEN, CA
[71] NUVOCARE HEALTH SERVICES INC., CA
[22] 2017-09-01
[41] 2018-08-13
[30] US (15/431,031) 2017-02-13

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 23/00 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR OPENING AND CLOSING IN MULTIPLE CYCLES A DOWNHOLE SLEEVE USING AN INTERVENTION TOOL**
[54] **APPAREIL ET PROCEDE POUR OUVRIR ET FERMER EN CYCLES MULTIPLES UN MANCHON DE FOND DE PUITS AU MOYEN D'UN OUTIL D'INTERVENTION**
[72] HUGHES, JOHN, CA
[72] SCHMIDT, JAMES W., CA
[72] D'ARCY, SHANE, CA
[71] RESOURCE WELL COMPLETION TECHNOLOGIES INC., CA
[22] 2017-09-07
[41] 2018-08-17
[30] US (62460483) 2017-02-17

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[13] A1
[51] **Int.Cl. H01M 4/136 (2010.01)**
[25] EN
[54] **CATHODE MATERIAL FOR LITHIUM-ION SECONDARY BATTERY, CATHODE FOR LITHIUM-ION SECONDARY BATTERY, AND LITHIUM-ION SECONDARY BATTERY**
[54] **MATERIAU CATHODE POUR BATTERIE SECONDAIRE LI-ION, CATHODE POUR BATTERIE SECONDAIRE LI-ION ET BATTERIE SECONDAIRE LI-ION**
[72] YAMAKA, RYUUTA, JP
[72] OYAMA, MASATAKA, JP
[71] SUMITOMO OSAKA CEMENT CO., LTD., JP
[22] 2017-09-19
[41] 2018-08-14
[30] JP (2017-059179) 2017-03-24

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[13] A1
[51] **Int.Cl. H02M 1/00 (2007.10) H02J 13/00 (2006.01) H02M 7/44 (2006.01)**
[25] EN
[54] **POWER DISTRIBUTION CONTROL WITHIN A MODULAR CONVERTER SYSTEM USING EFFICIENCY CALCULATIONS**
[54] **COMMANDE DE DISTRIBUTION DE COURANT DANS UN SYSTEME DE CONVERTISSEUR MODULAIRE UTILISANT DES CALCULS D'EFFICACITE**
[72] CHIK, MUN SHIN, US
[72] GAO, LIJUN, US
[72] LIU, SHENGYI, US
[71] THE BOEING COMPANY, US
[22] 2017-10-16
[41] 2018-08-13
[30] US (15/431,376) 2017-02-13

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[21] **2,985,052**
[13] A1
[51] **Int.Cl. B65D 90/54 (2006.01) B65D 53/00 (2006.01)**
[25] EN
[54] **HYDRAULICALLY ACTUATED LOCKING LATCHING SYSTEM**
[54] **SYSTEME DE VERROUILLAGE ET DE BLOCAGE A ACTIONNEMENT HYDRAULIQUE**
[72] NIEMCZEWSKI, VOYTEK, CA
[71] FOREMOST UNIVERSAL LP, CA
[22] 2017-11-09
[41] 2018-08-17
[30] US (62/460,223) 2017-02-17

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[13] A1
[51] **Int.Cl. H04R 1/04 (2006.01) H05K 1/18 (2006.01) H05K 5/02 (2006.01)**
[25] EN
[54] **ULTRASONIC MICROPHONE ENCLOSURE**
[54] **ENCEINTE POUR MICROPHONE ULTRASONORE**
[72] AGRANAT, IAN, US
[72] MORONEY, ANDREW P., US
[71] WILDLIFE ACOUSTICS, INC., US
[22] 2017-11-28
[41] 2018-08-15
[30] US (15/433831) 2017-02-15

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[13] A1
[51] **Int.Cl. H04R 1/04 (2006.01) H05K 1/18 (2006.01) H05K 5/02 (2006.01)**
[25] EN
[54] **ULTRASONIC MICROPHONE ENCLOSURE**
[54] **ENCEINTE POUR MICROPHONE ULTRASONORE**
[72] AGRANAT, IAN, US
[72] MORONEY, ANDREW P., US
[71] WILDLIFE ACOUSTICS, INC., US
[22] 2017-11-29
[41] 2018-08-15
[30] US (15/433831) 2017-02-15
[30] US (15/720421) 2017-09-19

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[13] A1
[51] **Int.Cl. G01N 29/28 (2006.01)**
[25] EN
[54] **INSPECTION SYSTEM**
[54] **SYSTEME D'INSPECTION**
[72] ESTEVO, CURTIS R., US
[71] THE BOEING COMPANY, US
[22] 2017-12-04
[41] 2018-08-17
[30] US (15/435407) 2017-02-17

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[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **SEGMENTED SAFETY COVER FOR NEEDLE DELIVERY**
[54] **COUVERCLE DE SECURITE SEGMENTE POUR DELIVRANCE D'AIGUILLE**
[72] WICKMAN, HENRY, NZ
[71] NPA LIMITED, NZ
[22] 2017-12-01
[41] 2018-08-14
[30] US (15/432,816) 2017-02-14

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[13] A1
[51] **Int.Cl. G09B 5/00 (2006.01) G10L 25/66 (2013.01) A61B 5/00 (2006.01) G06F 3/03 (2006.01)**
[25] EN
[54] **INTERACTIVE AND ADAPTIVE LEARNING AND NEUROCOGNITIVE DISORDER DIAGNOSIS SYSTEMS USING FACE TRACKING AND EMOTION DETECTION WITH ASSOCIATED METHODS**
[54] **APPRENTISSAGE INTERACTIF ET ADAPTATIF ET SYSTEMES DE DIAGNOSTIC DE TROUBLES NEUROCOGNITIFS AU MOYEN DU SUIVI DU VISAGE ET DE LA DETECTION D'EMOTION AVEC METHODES ASSOCIEES**
[72] DOLSMA, JOHAN MATTHIJA, HK
[72] LAM, YUEN LEE VIOLA, HK
[71] FIND SOLUTION ARTIFICIAL INTELLIGENCE LIMITED, HK
[22] 2017-12-05
[41] 2018-08-14
[30] US (62/458,654) 2017-02-14
[30] US (62/520,542) 2017-06-15
[30] US (15/647,272) 2017-07-12

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[13] A1
[51] **Int.Cl. A62C 3/08 (2006.01) A62C 37/00 (2006.01) B64D 13/00 (2006.01) B64D 25/00 (2006.01) B64D 45/00 (2006.01)**
[25] EN
[54] **ATMOSPHERIC AIR MONITORING FOR AIRCRAFT FIRE SUPPRESSION**
[54] **SURVEILLANCE DE L'AIR ATMOSPHERIQUE POUR EXTINCTION DE FEU POUR AVIONS**
[72] MEIS, CHARLES, US
[72] DARR, RACHEL, US
[71] THE BOEING COMPANY, US
[22] 2017-12-11
[41] 2018-08-16
[30] US (15/434,979) 2017-02-16

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[13] A1
[51] **Int.Cl. F01D 25/02 (2006.01) B64D 15/04 (2006.01) B64D 33/08 (2006.01) F02C 7/047 (2006.01)**
[25] EN
[54] **ANTI-ICING SYSTEM FOR GAS TURBINE ENGINE**
[54] **SYSTEME ANTIGIVRAGE POUR MOTEUR A TURBINE A GAZ**
[72] MENHEERE, DAVID, CA
[72] ALECU, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-11
[41] 2018-08-15
[30] US (15/433,645) 2017-02-15

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[13] A1
[51] **Int.Cl. E02D 29/12 (2006.01) E02D 29/14 (2006.01)**
[25] EN
[54] **UNIVERSAL RAIL FOR UTILITY PIT**
[54] **RAMPE UNIVERSELLE POUR FOSSE DE VISITE**
[72] MITCHELL, TIMOTHY J., US
[72] PIERCE, TRACE, US
[72] CLEEK, AARON, US
[71] MUELLER INTERNATIONAL, LLC, US
[22] 2018-01-15
[41] 2018-08-14
[30] US (15/432,182) 2017-02-14

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[13] A1
[51] **Int.Cl. E02D 29/12 (2006.01)**
[25] EN
[54] **PIT EXTENSION**
[54] **EXTENSION DE FOSSE**
[72] FLOYD, SCOTT P., US
[71] MUELLER INTERNATIONAL, LLC, US
[22] 2018-01-15
[41] 2018-08-17
[30] US (15/436,003) 2017-02-17

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[13] A1
[51] **Int.Cl. C07K 14/415 (2006.01) A61K 36/48 (2006.01) A61K 38/16 (2006.01) A61K 39/35 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 16/16 (2006.01) C07K 17/00 (2006.01) C07K 19/00 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **AN IMPROVED ASSAY FOR THE DIAGNOSIS OF PEANUT ALLERGY**
[54] **DOSAGE AMELIORE POUR LE DIAGNOSTIC D'UNE ALLERGIE AUX ARACHIDES**
[72] SUER, WALTRAUD, DE
[72] ROHWER, STEFANIE, DE
[72] BRIX, BETTINA, DE
[72] WEIMANN, ALF, DE
[71] EUROIMMUN MEDIZINISCHE LABORDIAGNOSTIKA AG, DE
[22] 2018-01-16
[41] 2018-08-15
[30] EP (17000245.5) 2017-02-15
[30] EP (17001081.3) 2017-06-26

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[13] A1
[51] **Int.Cl. B23Q 17/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MONITORING THE FUNCTIONAL STATE OF A SHAPING TOOTH ARRANGEMENT ON A FORMING TOOL**
[54] **PROCEDE ET DISPOSITIF POUR SURVEILLER L'ETAT FONCTIONNEL D'UN AGENCEMENT DE DENTS DE MISE EN FORME SUR UN OUTIL DE FORMAGE**
[72] HEINRICHS, SERJOSHA, DE
[72] KLUGE, MATTHIAS, DR., DE
[72] BEIHOFER, DENNIS, DE
[72] MARRE, MICHAEL, DR., DE
[71] FELSS SYSTEMS GMBH, DE
[22] 2018-01-18
[41] 2018-08-13
[30] EP (17 155 857.0) 2017-02-13

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[13] A1
[51] **Int.Cl. H01J 49/04 (2006.01) H01J 49/06 (2006.01) H01J 49/42 (2006.01)**
[25] EN
[54] **MASS SPECTROMETER USING GASTIGHT RADIO FREQUENCY ION GUIDE**
[54] **SPECTROMETRE DE MASSE UTILISANT UN GUIDE RADIOFREQUENCE D'IONS ETANCHE AUX GAZ**
[72] MUNTEAN, FELICIAN, US
[72] ZANON, STEPHEN, US
[71] BRUKER DALTONICS, INC., US
[22] 2018-01-22
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[25] EN
[54] **METHOD, DEVICE AND SYSTEM FOR DETECTING INTERFERENCES**
[54] **PROCEDE, DISPOSITIF ET SYSTEME POUR DETECTER DES INTERFERENCES**
[72] FILOCHE, THIERRY, FR
[72] PONDAVEN, GHISLAINE, FR
[72] LE GUYADEC, PASCAL, FR
[72] NEUMANN, CHRISTOPH, FR
[71] THOMSON LICENSING, FR
[22] 2018-01-25
[41] 2018-08-13
[30] EP (17305158.2) 2017-02-13

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[51] **Int.Cl. G02B 1/10 (2015.01) G02B 5/20 (2006.01) G02B 5/30 (2006.01) G02B 27/12 (2006.01)**
[25] EN
[54] **OPTICAL POLARIZING FILTER**
[54] **FILTRE OPTIQUE POLARISANT**
[72] HENDRIX, KAREN DENISE, US
[72] ROWLANDS, SCOTT, US
[71] VIAVI SOLUTIONS INC., US
[22] 2018-01-26
[41] 2018-08-13
[30] US (15/431,344) 2017-02-13

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[13] A1
[51] **Int.Cl. E21B 10/44 (2006.01) E02F 7/00 (2006.01)**
[25] EN
[54] **A GROUND PROCESSING TOOL AND A METHOD FOR CREATING A BOREHOLE IN THE GROUND**
[54] **OUTIL DE TRAVAIL DU SOL ET PROCEDE POUR CREER UN PUITS DE FORAGE DANS LE SOL**
[72] FINKENZELLER, STEFAN MICHAEL, DE
[72] KLIPPENSTEIN, JURGEN, DE
[72] SCHWEIGER, MANFRED, DE
[72] BAUER, THOMAS, DE
[71] BAUER MASCHINEN GMBH, DE
[22] 2018-01-26
[41] 2018-08-13
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[51] **Int.Cl. A61B 6/00 (2006.01) A61B 6/04 (2006.01) A61G 3/00 (2006.01) B60P 3/00 (2006.01) B60P 3/14 (2006.01)**
[25] EN
[54] **MOBILE SCREENING APPARATUS**
[54] **APPAREIL DE DEPISTAGE MOBILE**
[72] THOMPSON, BARRY, US
[71] FRAZER, LTD., US
[22] 2018-01-29
[41] 2018-08-15
[30] US (15/433109) 2017-02-15

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[13] A1
[51] **Int.Cl. A61B 34/30 (2016.01)**
[25] EN
[54] **OPERATING DEVICE FOR A ROBOT-ASSISTED SURGICAL SYSTEM**
[54] **DISPOSITIF DE COMMANDE POUR UN SYSTEME CHIRURGICAL ASSISTE PAR ROBOT**
[72] ZIEGENSPECK, NILS, DE
[72] TROMMER, CHRISTIAN, DE
[72] GUDE, GERALF, DE
[72] SCHRUMPF, THOMAS, DE
[72] KARGUTH, ANDREAS, DE
[71] AVATERAMEDICAL GMBH, DE
[22] 2018-01-29
[41] 2018-08-16
[30] DE (10 2017 103 199.5) 2017-02-16

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[13] A1
[51] **Int.Cl. H02G 3/14 (2006.01) E04F 19/00 (2006.01)**
[25] EN
[54] **ACTIVE COVER PLATES**
[54] **PLAQUES DE RECOUVREMENT ACTIVES**
[72] SMITH, JEREMY C., US
[72] ROBINSON, R. CAMDEN, US
[71] SNAPRAYS, LLC, US
[22] 2018-01-29
[41] 2018-08-17
[30] US (62/460,094) 2017-02-17
[30] US (62/522,691) 2017-06-21
[30] US (62/536,452) 2017-07-24
[30] US (15/870,832) 2018-01-12

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[25] EN
[54] **FIRE-RETARDANT COATING**
[54] **REVETEMENT IGNIFUGE**
[72] SCHILLINGS, HANS, DE
[72] SCHILLINGS, ERIC, DE
[71] SCHILLINGS GMBH & CO. KG, DE
[22] 2018-02-01
[41] 2018-08-17
[30] EP (17 156 613.6) 2017-02-17

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[51] **Int.Cl. H01R 13/73 (2006.01) F21K 9/00 (2016.01) F21V 23/00 (2015.01) H02H 9/04 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **PHOTO-ELECTRIC RECEPTACLE LUMINAIRE INTEGRATION POINT**
[54] **POINT D'INTEGRATION DE LUMINAIRE POUR RECEPTACLE PHOTOELECTRIQUE**
[72] JOHNSON, DAVID MARK, US
[72] MRAKOVICH, MATTHEW S., US
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2018-02-01
[41] 2018-08-16
[30] US (15/434,166) 2017-02-16

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[13] A1
[51] **Int.Cl. C25B 13/02 (2006.01) C25B 1/04 (2006.01) C25B 9/06 (2006.01)**
[25] FR
[54] **ELECTROLYZER SPACER AND ELECTROLYZER EQUIPPED WITH SUCH A SPACER**
[54] **ENTRETOISE D'ELECTROLYSEUR ET ELECTROLYSEUR EQUIPE D'UNE TELLE ENTRETOISE**
[72] LARIDANT, FRANCOIS, FR
[72] GERNOT, ERIC, FR
[72] AUPRETRE, FABIEN, FR
[71] AREVA H2GEN, FR
[22] 2018-02-01
[41] 2018-08-14
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[51] **Int.Cl. B60R 22/46 (2006.01) B60R 22/343 (2006.01) B60R 22/36 (2006.01)**
[25] EN
[54] **VARIABLE FORCE LIMITER CONTROL SYSTEM FOR VEHICLE**
[54] **SYSTEME DE COMMANDE DE LIMITEUR DE FORCE VARIABLE POUR VEHICULE**
[72] OHACHI, JIRO, JP
[72] NEZAKI, TAKUYA, JP
[72] HASEGAWA, TAKASHI, JP
[72] YAMADA, KATSUNORI, JP
[72] GOTOH, MITSUAKI, JP
[72] AKI, MAKOTO, JP
[72] MASE, YUSUKE, JP
[72] FUJINAMI, TAKASHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-02-02
[41] 2018-08-17
[30] JP (2017-028337) 2017-02-17

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[51] **Int.Cl. F01L 1/04 (2006.01) F01L 1/047 (2006.01) F01L 13/00 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE SYSTEM**
[54] **SYSTEME DE MOTEUR A COMBUSTION INTERNE**
[72] SUGIHIRA, SHIGEHIRO, JP
[72] ADACHI, NORIYASU, JP
[72] SASAKI, KEISUKE, JP
[72] KAWAI, TAKAYOSHI, JP
[72] OTSUKA, KAORU, JP
[72] SADAKANE, SHINJI, JP
[72] SUGIHARA, HIROYUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-02-02
[41] 2018-08-16
[30] JP (2017-027090) 2017-02-16

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[13] A1
[51] **Int.Cl. H02G 3/06 (2006.01)**
[25] EN
[54] **SPLICE PLATE FOR CABLE TRAY FITTING**
[54] **ECLISSE POUR RACCORD DE CHEMIN DE CABLE**
[72] SHELTON, TRAVIS COLE, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-02-05
[41] 2018-08-13
[30] US (15/431370) 2017-02-13

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[13] A1
[51] **Int.Cl. G10H 1/00 (2006.01) G10H 1/32 (2006.01)**
[25] EN
[54] **MUSICAL INSTRUMENT ACTIVITY MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE D'ACTIVITE D'INSTRUMENT DE MUSIQUE**
[72] PAHL, SHANNON, US
[72] GOEDVOLK, EARL, EC
[72] PAHL, DAWN, EC
[71] PAHL, SHANNON, US
[22] 2018-02-05
[41] 2018-08-17
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[13] A1
[51] **Int.Cl. E21B 21/01 (2006.01) E21B 21/015 (2006.01)**
[25] EN
[54] **WASHPIPE LIFE PREDICTION**
[54] **PREDICTION DE DUREE DE VIE DE TUBE D'USURE**
[72] DEEL, STEVE, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-02-05
[41] 2018-08-14
[30] US (62/458,895) 2017-02-14
[30] US (15/887,534) 2018-02-02

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[13] A1
[51] **Int.Cl. F25B 25/00 (2006.01) F25B 5/00 (2006.01) F25B 6/00 (2006.01) F25B 7/00 (2006.01)**
[25] EN
[54] **COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT**
[72] PEREIRA ZIMMERMANN, AUGUSTO J., US
[72] AUSTIN, ROBERT H., JR., US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2018-02-07
[41] 2018-08-14
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[13] A1
[51] **Int.Cl. F04C 13/00 (2006.01) B22D 17/30 (2006.01) F04C 2/08 (2006.01)**
[25] EN
[54] **POSITIVE DISPLACEMENT TRANSFER GEAR PUMP FOR MOLTEN METAL**
[54] **POMPE VOLUMETRIQUE A ENGRENAGE DE TRANSFERT POUR METAL FONDU**
[72] THUT, BRUNO H., US
[71] THUT, BRUNO H., US
[22] 2018-02-07
[41] 2018-08-13
[30] US (15/431,581) 2017-02-13

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[13] A1
[51] **Int.Cl. H01H 3/08 (2006.01) H02B 1/04 (2006.01)**
[25] EN
[54] **ELECTRICAL ENCLOSURE, AND SWITCHING ASSEMBLY AND TRANSFER ASSEMBLY THEREFOR**
[54] **ENCEINTE ELECTRIQUE ET ENSEMBLE DE COMMUTATION ET ENSEMBLE DE TRANSFERT CORRESPONDANT**
[72] PATWARDHAN, SUJIT SUBHASH, IN
[72] POWAR, RAMESH SHIVAJI, IN
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-02-07
[41] 2018-08-13
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[51] **Int.Cl. E21B 33/129 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **WELL PLUG AND BOTTOM HOLE ASSEMBLY**
[54] **BOUCHON DE PUITS ET ENSEMBLE DE FOND DE PUITS**
[72] CRUMP, MATTHEW A., US
[72] VINSON, JUSTIN P., US
[71] VINSON CRUMP, LLC, US
[22] 2018-02-07
[41] 2018-08-12
[30] US (15/430,532) 2017-02-12

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[13] A1
[51] **Int.Cl. B28B 7/36 (2006.01)**
[25] EN
[54] **SEALANT FOR A CONCRETE ELEMENT AND METHOD FOR PRODUCING A SEALANT**
[54] **PRODUIT D'ETANCHEITE POUR ELEMENT DE BETON ET PROCEDE POUR PRODUIRE UN PRODUIT D'ETANCHEITE**
[72] PFLIEGER, ADRIAN, DE
[71] CEMPROOF GROUP GMBH, DE
[22] 2018-02-07
[41] 2018-08-17
[30] EP (17156627.6) 2017-02-17

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[13] A1
[51] **Int.Cl. F16B 25/02 (2006.01) F16B 25/04 (2006.01)**
[25] EN
[54] **SCREW CHIP REMOVAL STRUCTURE**
[54] **STRUCTURE D'ENLEVEMENT DE COPEAUX DE VIS**
[72] CHAO, YING-CHIN, TW
[71] CHAO, YING-CHIN, TW
[22] 2018-02-08
[41] 2018-08-16
[30] TW (106105064) 2017-02-16

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[13] A1
[51] **Int.Cl. B01D 45/12 (2006.01) B01D 5/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GAS-LIQUID SEPARATION**
[54] **APPAREIL ET PROCEDE POUR SEPARATION GAZ-LIQUIDE**
[72] XUE, JUNLI, CN
[72] HU, LISHUN, CN
[72] ZHANG, JIE, CN
[72] LV, JING, CN
[72] YANG, YONG, CN
[72] YU, LIANG, CN
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-02-08
[41] 2018-08-17
[30] CN (201710086184.1) 2017-02-17

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[13] A1
[51] **Int.Cl. H03K 17/96 (2006.01) G01R 31/00 (2006.01)**
[25] EN
[54] **TOUCH DETECTOR WITH A CODE DEBUGGER**
[54] **DETECTEUR TACTILE AVEC UN DEBOGUEUR DE CODE**
[72] YAN, YU, US
[72] LIU, JIAWEI, US
[72] CHEN, JIAMIN, US
[72] LIU, XINGXIN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-02-06
[41] 2018-08-15
[30] US (15/433,057) 2017-02-15

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[13] A1
[51] **Int.Cl. F25B 25/00 (2006.01) F25B 5/00 (2006.01) F25B 6/00 (2006.01) F25B 7/00 (2006.01)**
[25] EN
[54] **COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT**
[72] PEREIRA ZIMMERMANN, AUGUSTO J., US
[72] AUSTIN, ROBERT H., JR., US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2018-02-09
[41] 2018-08-14
[30] US (15/432,456) 2017-02-14

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[13] A1
[51] **Int.Cl. G01S 19/21 (2010.01) G08G 1/054 (2006.01)**
[25] EN
[54] **SYSTEM FOR DETECTING PERSONAL GNSS JAMMERS**
[54] **SYSTEME POUR DETECTER DES BROUILLEURS DE GNSS PERSONNELS**
[72] REVOL, MARC, FR
[72] BLETE, JEAN-GUY, FR
[71] THALES, FR
[22] 2018-02-09
[41] 2018-08-14
[30] FR (1700161) 2017-02-14

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[51] **Int.Cl. A61M 25/00 (2006.01) A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **PLANETARY GEAR ASSEMBLY FOR SPUTTERING MULTIPLE BALLOON CATHETER DISTAL ENDS**
[54] **ENSEMBLE ENGRENAGE PLANETAIRE POUR PULVERISER DE MULTIPLES EXTREMITES DISTALES DE CATHETER A BALLONNET**
[72] GOVARI, ASSAF, IL
[72] ALGAWI, YEHUDA, IL
[72] SITNITSKY, ILYA, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-02-08
[41] 2018-08-15
[30] US (15/433,528) 2017-02-15

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[13] A1
[51] **Int.Cl. F04B 43/08 (2006.01) F04B 43/12 (2006.01)**
[25] EN
[54] **PERISTALTIC PUMP WITH REDUCED TRIBOELECTRIC EFFECTS**
[54] **POMPE PERISTALTIQUE AVEC EFFETS TRIBOELECTRIQUES REDUITS**
[72] FANG, ITZHAK, US
[72] SZILAGYI, ANDREI, US
[72] LIFSHITZ, ALEXANDER, US
[72] WALKER, JACK, US
[72] SULLIVAN, SEAN YASUO, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-02-08
[41] 2018-08-16
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[13] A1
[51] **Int.Cl. B63B 35/74 (2006.01) B63B 35/76 (2006.01)**
[25] EN
[54] **ADJUSTABLE SEAT FOR BABY OR CHILD FLOAT**
[54] **SIEGE REGLABLE POUR BEBE OU FLOTTEUR POUR ENFANT**
[72] CHIN GERDING, DOROTHY, US
[71] AQUA-LEISURE INDUSTRIES, INC., US
[22] 2018-02-09
[41] 2018-08-14
[30] US (62/458,670) 2017-02-14
[30] US (15/886,990) 2018-02-02

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[13] A1
[51] **Int.Cl. A63H 23/10 (2006.01)**
[25] EN
[54] **UNDERWATER TOY**
[54] **JOUET SOUS-MARIN**
[72] DE GRASSE, SCOTT R., US
[72] KANE, JESSE, US
[71] AQUA-LEISURE INDUSTRIES, INC., US
[22] 2018-02-09
[41] 2018-08-14
[30] US (62/458,657) 2017-02-14
[30] US (15/890,827) 2018-02-07

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[51] **Int.Cl. A61B 5/042 (2006.01) A61B 34/20 (2016.01) A61B 18/14 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **ELECTROPHYSIOLOGIC DEVICE CONSTRUCTION**
[54] **STRUCTURE DE DISPOSITIF ELECTROPHYSIOLOGIQUE**
[72] TANG, RAYMOND YUE-SING, US
[72] HARO, ANABEL, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-02-08
[41] 2018-08-15
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[13] A1
[51] **Int.Cl. D02G 3/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DETECTING YARN CHARACTERISTICS**
[54] **DISPOSITIF ET PROCEDE POUR DETECTER DES CARACTERISTIQUES DE FIL**
[72] MEINDERS, MAARTEN, US
[72] DING, ZHUOMIN, US
[71] MOHAWK CARPET, LLC, US
[22] 2018-02-09
[41] 2018-08-16
[30] US (15/434,999) 2017-02-16

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[13] A1
[51] **Int.Cl. A61K 38/06 (2006.01) A61K 31/454 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING HCV**
[54] **METHODES POUR TRAITER LE VHC**
[72] AWNI, WALID M., US
[72] BERNSTEIN, BARRY M., US
[72] CAMPBELL, ANDREW L., US
[72] DUTTA, SANDEEP, US
[72] LIN, CHIH-WEI, US
[72] LIU, WEI, US
[72] MENON, RAJEEV M., US
[72] MENSING, SVEN, DE
[72] PODSADECKI, THOMAS J., US
[72] WANG, TIANLI, US
[71] ABBVIE INC., US
[22] 2018-02-09
[41] 2018-08-14
[30] US (15/431,906) 2017-02-14

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[13] A1
[51] **Int.Cl. F25B 25/00 (2006.01) F25B 5/00 (2006.01) F25B 6/00 (2006.01) F25B 7/00 (2006.01)**
[25] EN
[54] **COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT**
[72] PEREIRA ZIMMERMANN, AUGUSTO J., US
[72] AUSTIN, ROBERT H., JR., US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2018-02-08
[41] 2018-08-14
[30] US (15/432,506) 2017-02-14

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[13] A1
[51] **Int.Cl. B65D 63/10 (2006.01) B29C 70/70 (2006.01) B65B 13/02 (2006.01) F16L 3/137 (2006.01) F16L 33/03 (2006.01)**
[25] EN
[54] **REINFORCED CABLE TIE STRAP AND METHOD OF MANUFACTURE**
[54] **BANDE D'ATTACHE DE CABLE RENFORCEE ET PROCEDE DE FABRICATION**
[72] BEDNAROWSKI, DARIUSZ, PL
[72] MURPHY, KATHRYN F., US
[72] DUDEK, KRZYSZTOF, PL
[71] ABB SCHWEIZ AG, CH
[22] 2018-02-12
[41] 2018-08-16
[30] US (62/459,676) 2017-02-16

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[13] A1
[51] **Int.Cl. E05B 65/44 (2006.01) A47B 96/00 (2006.01) E05C 3/12 (2006.01)**
[25] EN
[54] **LATCH FOR A CABINET**
[54] **VERROU POUR UNE ARMOIRE**
[72] JEFFRIES, MARK STEVEN, US
[71] AUSTIN HARDWARE & SUPPLY, INC., US
[22] 2018-02-12
[41] 2018-08-14
[30] US (62/458,906) 2017-02-14

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[13] A1
[51] **Int.Cl. C12M 1/42 (2006.01) C07K 1/14 (2006.01) C12M 1/12 (2006.01) C12P 1/00 (2006.01) C12P 21/02 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **BIOREACTOR USING ACOUSTIC STANDING WAVES**
[54] **BIOREACTEUR UTILISANT DES ONDES STATIONNAIRES ACOUSTIQUES**
[72] LIPKENS, BART, US
[72] MASI, LOUIS, US
[72] KOWALSKI, STANLEY, III, US
[72] PRESZ, WALTER M. JR., US
[72] DIONNE, JASON, US
[72] DUTRA, BRIAN, US
[72] MERCADO, ARI, US
[72] KENNEDY, THOMAS J., III, US
[72] MARTIN, ARTHUR, US
[72] ROZEMBERSKY, JOHN, US
[71] FLODESIGN SONICS, INC., US
[22] 2018-02-12
[41] 2018-08-14
[30] US (15/432,888) 2017-02-14
[30] US (15/453,582) 2017-03-08

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[13] A1
[51] **Int.Cl. E01B 29/40 (2006.01)**
[25] EN
[54] **RAIL PROCESSING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE RAIL**
[72] FILOSA, GIUSEPPE, IT
[72] COSMAI, GIOVANNI, IT
[72] CIPOLLA, MATTEO, IT
[71] S.P.D. S.P.A., IT
[22] 2018-02-09
[41] 2018-08-17
[30] IT (10 2017 000018277) 2017-02-17

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[13] A1
[51] **Int.Cl. A23K 10/38 (2016.01) C12P 7/06 (2006.01)**
[25] EN
[54] **HIGH PROTEIN ANIMAL FEED BYPRODUCT FROM CEREAL - PULSE FEEDSTOCK BLEND ETHANOL PRODUCTION**
[54] **SOUS-PRODUIT D'ALIMENTS POUR ANIMAUX RICHES EN PROTEINES A PARTIR DE CEREALES - PRODUCTION D'ETHANOL A PARTIR D'UN MELANGE DE CHARGE D'ALIMENTATION DE LEGUMINEUSES**
[72] HOLINATY, ERNEST, CA
[72] NYCZ, ERNEST, CA
[72] VANDAELE, MARK, CA
[71] PRAIRIE GREEN RENEWABLE ENERGY INC., CA
[22] 2018-02-12
[41] 2018-08-12
[30] US (62457974) 2017-02-12

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[21] **2,994,710**
[13] A1
[51] **Int.Cl. B65D 90/02 (2006.01) B65F 3/00 (2006.01)**
[25] EN
[54] **DOUBLE-WALLED WASTE CONTAINER**
[54] **CONTENEUR DE DECHETS A DOUBLE PAROI**
[72] MONACO, TIMOTHY A., US
[72] MONACO, BOBBY A., US
[71] MONACO, TIMOTHY A., US
[71] MONACO, BOBBY A., US
[22] 2018-02-12
[41] 2018-08-13
[30] US (15/431,155) 2017-02-13

[21] **2,994,716**
[13] A1
[51] **Int.Cl. G01R 29/16 (2006.01) G01W 1/00 (2006.01) H02J 3/26 (2006.01)**
[25] EN
[54] **GEOMAGNETIC STORM WARNING**
[54] **AVERTISSEMENT DE TEMPETE GEOMAGNETIQUE**
[72] BASU, CHUMKI, IN
[72] GUILLON, SEBASTIEN, CA
[72] KAMWA, INNOCENT, CA
[72] PADMANABAN, MANIKANDAN, IN
[72] CAUCHON, LUC, CA
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[71] HYDRO-QUEBEC, CA
[22] 2018-02-12
[41] 2018-08-15
[30] US (15/433,407) 2017-02-15

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[21] **2,994,747**
[13] A1
[51] **Int.Cl. B63C 9/18 (2006.01) B64D 25/14 (2006.01) F16K 21/00 (2006.01) F16K 31/06 (2006.01) F16K 51/00 (2006.01)**
[25] EN
[54] **SOLENOID VALVE FOR INFLATION SYSTEM**
[54] **ELECTROVANNE POUR SYSTEME DE GONFLAGE**
[72] JOHN, POLY PUTHUR, IN
[72] AGARWAL, ASHISH KUMAR, IN
[72] MASILAMANI, JEEVANANDHAM, IN
[71] GOODRICH CORPORATION, US
[22] 2018-02-09
[41] 2018-08-13
[30] IN (201711005085) 2017-02-13

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[21] **2,994,753**
[13] A1
[51] **Int.Cl. F16K 31/06 (2006.01) F16K 1/30 (2006.01) F16K 21/00 (2006.01)**
[25] EN
[54] **SOLENOID VALVE FOR INFLATION SYSTEM**
[54] **ELECTROVANNE POUR SYSTEME DE GONFLAGE**
[72] JOHN, POLY PUTHUR, IN
[72] MASILAMANI, JEEVANANDHAM, IN
[71] GOODRICH CORPORATION, US
[22] 2018-02-09
[41] 2018-08-13
[30] IN (201711005086) 2017-02-13

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[21] **2,994,754**
[13] A1
[51] **Int.Cl. H02B 11/12 (2006.01) H01R 31/06 (2006.01)**
[25] EN
[54] **CONVERSION SYSTEM FOR A SWITCHGEAR ASSEMBLY**
[54] **SYSTEME DE CONVERSION POUR UNE INSTALLATION DE DISTRIBUTION ELECTRIQUE**
[72] YONCE, LARRY EUGENE, US
[72] REXROAD, AARON MICHAEL, US
[72] ADAMS, PATRICK J, US
[72] RAMBO, BARRY TUCK, US
[72] SIGMON, MICHAEL DEAN, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-02-12
[41] 2018-08-14
[30] US (15/431956) 2017-02-14

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[21] **2,994,757**
[13] A1
[51] **Int.Cl. E02D 27/01 (2006.01) E02D 27/00 (2006.01) E02D 27/32 (2006.01) E02D 31/00 (2006.01) E04G 13/00 (2006.01)**
[25] EN
[54] **SUPPORT FOR FOUNDATION STRAP**
[54] **SUPPORT POUR BANDE DE FONDATION**
[72] BREKKE, STEVEN, US
[71] MITEK HOLDINGS, INC., US
[22] 2018-02-12
[41] 2018-08-15
[30] US (15/433790) 2017-02-15

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[21] **2,994,766**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01) B61L 9/04 (2006.01)**
[25] EN
[54] **LAMP DRIVER CARD TO CONTROL LIGHTING OF A LAMP LOAD OR A LED ON A WAYSIDE OF A RAILWAY SYSTEM**
[54] **CARTE DE COMMANDE DE LAMPE POUR COMMANDER L'ECLAIRAGE D'UNE CHARGE DE LAMPE OU D'UNE DEL EN BORDURE DE VOIE D'UN SYSTEME FERROVIAIRE**
[72] HOGAN, BRIAN JOSEPH, US
[72] SCHMIDT, HOLGER, US
[71] SIEMENS INDUSTRY, INC., US
[22] 2018-02-12
[41] 2018-08-14
[30] US (15/431,882) 2017-02-14

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[21] **2,994,780**
[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/12 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL**
[54] **OUTIL DE FOND DE PUITS**
[72] BRANDSDAL, VIGGO, NO
[72] VALESTRAND AASHEIM, GEIR, NO
[71] FRAC TECHNOLOGY AS, NO
[22] 2018-02-12
[41] 2018-08-15
[30] NO (20170229) 2017-02-15

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[21] **2,994,879**
[13] A1
[51] **Int.Cl. H02G 3/06 (2006.01) F16L 15/04 (2006.01) F16L 39/00 (2006.01)**
[25] EN
[54] **FASTENER HAVING A FLEXIBLE SLEEVE FOR CONNECTING A COATED CONDUIT TO A FITTING**
[54] **ELEMENT DE FIXATION COMPORTANT UN MANCHON SOUPLE POUR RACCORDER UN CONDUIT REVETU A UN RACCORD**
[72] KESSEL, AMANDA LYNN, US
[72] CALDWELL, CHRISTOPHER M., US
[71] ROBROY INDUSTRIES - TEXAS, LLC, US
[22] 2018-02-13
[41] 2018-08-16
[30] US (62/459,917) 2017-02-16

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[21] **2,994,904**
[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) H04W 4/00 (2018.01) A61F 13/42 (2006.01)**
[25] EN
[54] **WETNESS NOTIFICATION SYSTEM FOR DETECTING AND NOTIFYING WETNESS IN CLOTHING ARTICLE**
[54] **SYSTEME DE NOTIFICATION D'HUMIDITE POUR DETECTER ET INDIQUER UNE HUMIDITE DANS UN ARTICLE D'HABILLEMENT**
[72] CHEN, HUNG CHI, TW
[71] CHEN, HUNG CHI, TW
[22] 2018-02-13
[41] 2018-08-17
[30] TW (106202295) 2017-02-17

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[21] **2,994,983**
[13] A1
[51] **Int.Cl. B65D 6/24 (2006.01) B65D 6/02 (2006.01)**
[25] EN
[54] **DECK STORAGE BOX**
[54] **BOITE DE RANGEMENT POUR TERRASSE**
[72] JIANG, YIXIANG, CN
[72] GILBERT, RICHARD, US
[72] WU, ED, US
[71] PLASTIC DEVELOPMENT GROUP, US
[22] 2018-02-13
[41] 2018-08-13
[30] US (15/431,060) 2017-02-13

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[21] **2,995,007**
[13] A1
[51] **Int.Cl. F02F 1/36 (2006.01) F02F 1/40 (2006.01) F02F 1/42 (2006.01)**
[25] EN
[54] **CYLINDER HEAD**
[54] **CULASSE**
[72] YANASE, YOSHINORI, JP
[72] ASAHINA, HIROYUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-02-13
[41] 2018-08-16
[30] JP (2017-027119) 2017-02-16

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[21] **2,995,010**
[13] A1
[51] **Int.Cl. G06F 9/44 (2018.01) G06F 9/455 (2018.01)**
[25] EN
[54] **SYSTEM FOR OPTIMISING DISTRIBUTION OF PROCESSING AN AUTOMATED PROCESS**
[54] **SYSTEME POUR OPTIMISER LA DISTRIBUTION DE TRAITEMENT D'UN PROCESSUS AUTOMATISE**
[72] MOSS, DAVID, GB
[72] WOOD, STUART, GB
[71] BLUE PRISM LIMITED, GB
[22] 2018-02-13
[41] 2018-08-15
[30] GB (1702450.6) 2017-02-15
[30] US (15/462,709) 2017-03-17

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[21] **2,995,014**
[13] A1
[51] **Int.Cl. F01P 7/14 (2006.01) F01P 3/02 (2006.01) F02F 1/10 (2006.01) F02F 1/36 (2006.01)**
[25] EN
[54] **COOLING SYSTEM FOR INTERNAL COMBUSTION ENGINE**
[54] **SYSTEME DE REFROIDISSEMENT POUR UN MOTEUR A COMBUSTION INTERNE**
[72] HASEGAWA, YOSHIO, JP
[72] SHINAGAWA, TOMOHIRO, JP
[72] KUBOTA, KENICHI, JP
[72] MICHIKAWAUCHI, RYO, JP
[72] MIYOSHI, YUJI, JP
[72] HIRATA, YOSHIHARU, JP
[72] YUMISASHI, NAOTO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-02-13
[41] 2018-08-14
[30] JP (2017-024617) 2017-02-14

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[21] **2,995,020**
[13] A1
[51] **Int.Cl. H02K 16/00 (2006.01) E21B 43/12 (2006.01) H02K 1/12 (2006.01) H02K 1/27 (2006.01) H02K 7/08 (2006.01) H02K 19/02 (2006.01)**
[25] EN
[54] **A HYBRID MOTOR AND AN ASSOCIATED METHOD THEREOF**
[54] **MOTEUR HYBRIDE ET METHODE ASSOCIEE CORRESPONDANTE**
[72] DE SOUZA, LUIZ FELIPE WILLCOX, BR
[72] TEVES, RICARDO HECTOR, AR
[72] BITTENCOURT, JOSE LUIZ, BR
[72] LIMA, LUIZ ANDRE MOYSES, BR
[72] RABELO, BALDUINO CEZAR, BR
[72] SOARES, MARCELO NESCI, BR
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-02-14
[41] 2018-08-16
[30] US (15/434,148) 2017-02-16

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[21] **2,995,027**
[13] A1
[51] **Int.Cl. A21B 1/26 (2006.01) A21B 3/00 (2006.01) A21B 3/02 (2006.01) F24C 1/14 (2006.01) F24C 3/00 (2006.01) F24C 15/32 (2006.01)**
[25] EN
[54] **PASS THROUGH CONVECTION OVEN**
[54] **FOUR A CONVECTION A PASSAGE**
[72] DENG, ERIC, US
[72] MASON, MICHAEL D., US
[72] MOY, CHRIS, US
[71] HESTAN COMMERCIAL CORPORATION, US
[22] 2018-02-14
[41] 2018-08-14
[30] US (62/459,019) 2017-02-14
[30] US (15/895,403) 2018-02-13

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[21] **2,995,035**
[13] A1
[51] **Int.Cl. H02M 7/06 (2006.01) H02M 3/04 (2006.01)**
[25] EN
[54] **HYBRID FULL BRIDGE-VOLTAGE DOUBLER RECTIFIER AND SINGLE STAGE LLC CONVERTER THEREOF**
[54] **REDRESSEUR DE DOUBLEUR DE TENSION EN PONT COMPLET HYBRIDE ET CONVERTISSEUR LLC A ETAGE UNIQUE CORRESPONDANT**
[72] CHEN, YANG, CA
[72] LIU, YAN-FEI, CA
[72] LI, ZHANMING, CA
[72] FU, YUE, CA
[72] WANG, HONGLIANG, CN
[71] LIU, YAN-FEI, CA
[71] CHEN, YANG, CA
[71] WANG, HONGLIANG, CN
[71] LI, ZHANMING, CA
[71] FU, YUE, CA
[22] 2018-02-13
[41] 2018-08-14
[30] US (62/458,649) 2017-02-14

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[21] **2,995,040**
[13] A1
[51] **Int.Cl. A01C 7/16 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **AIR SEEDER MANIFOLD SYSTEM**
[54] **SYSTEME DE COLLECTEUR POUR SEMOIR PNEUMATIQUE**
[72] REICH, ADAM A., US
[72] GELINSKE, JOSHUA N., US
[72] BATCHELLER, BARRY D., US
[71] INTELLIGENT AGRICULTURAL SOLUTIONS, LLC, US
[22] 2018-02-13
[41] 2018-08-13
[30] US (15/431,549) 2017-02-13

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[21] **2,995,044**
[13] A1
[51] **Int.Cl. E21B 47/13 (2012.01) E21B 44/00 (2006.01)**
[25] EN
[54] **SUBASSEMBLY FOR A BOTTOM HOLE ASSEMBLY OF A DRILL STRING WITH A POWER LINK**
[54] **SOUS-ENSEMBLE POUR UN ENSEMBLE DE FOND DE TROU D'UN TRAIN DE FORAGE AVEC UNE LIAISON D'ALIMENTATION**
[72] BRIDGES, ANDREW, US
[72] GARCIA, RAYMOND, US
[71] ENTEQ UPSTREAM USA INC., US
[22] 2018-02-13
[41] 2018-08-15
[30] US (62/459,112) 2017-02-15
[30] GB (1703392.7) 2017-03-02

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[21] **2,995,051**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01B 63/111 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01) F16C 11/02 (2006.01) F16C 13/02 (2006.01) F16C 17/12 (2006.01) F16C 33/02 (2006.01) F16C 33/74 (2006.01)**
[25] EN
[54] **GREASELESS BUSHING FOR AGRICULTURAL ROW UNIT**
[54] **DOUILLE SANS GRAISSE POUR UNITE DE RANGEE AGRICOLE**
[72] SIVINSKI, JEFFREY ALAN, US
[71] HARVEST INTERNATIONAL, INC., US
[22] 2018-02-14
[41] 2018-08-14
[30] US (62/458927) 2017-02-14
[30] US (15/896225) 2018-02-14

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[21] **2,995,055**
[13] A1
[51] **Int.Cl. F16L 3/10 (2006.01)**
[25] EN
[54] **CLAMP-ON DIRECTIONAL ANCHOR**
[54] **ANCRES DIRECTIONNELLES A PINCE**
[72] HAIGHT, RICHARD, CA
[71] WEIR CANADA, INC., CA
[22] 2018-02-14
[41] 2018-08-14
[30] US (62/458794) 2017-02-14

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[21] **2,995,070**
[13] A1
[51] **Int.Cl. E21B 47/13 (2012.01) E21B 44/00 (2006.01)**
[25] EN
[54] **SUBASSEMBLY FOR A BOTTOM HOLE ASSEMBLY OF A DRILL STRING WITH COMMUNICATIONS LINK**
[54] **SOUS-ENSEMBLE POUR UN ENSEMBLE DE FOND DE TROU D'UN TRAIN DE FORAGE AVEC UNE LIAISON DE COMMUNICATION**
[72] BRIDGES, ANDREW, US
[72] GARCIA, RAYMOND, US
[71] ENTEQ UPSTREAM USA INC., US
[22] 2018-02-13
[41] 2018-08-15
[30] US (62/459,112) 2017-02-15
[30] GB (1703393.7) 2017-03-02

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[21] **2,995,074**
[13] A1
[51] **Int.Cl. B08B 9/045 (2006.01) B08B 1/04 (2006.01)**
[25] EN
[54] **DRAIN CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DE TUYAU D'EVACUATION**
[72] SCHAAFSMA, GRAHAM M., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-02-13
[41] 2018-08-13
[30] US (62/458,452) 2017-02-13

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[21] **2,995,080**
[13] A1
[51] **Int.Cl. F16L 37/088 (2006.01) F16L 21/035 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR RAMPED RETAINER FOR A PIPE**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR UN DISPOSITIF DE RETENUE INCLINE POUR UN TUYAU**
[72] CLAPPER, JOSHUA E., US
[72] YASHIN, DMITRY, US
[72] DEAN, ROY L., US
[71] NORTH AMERICAN PIPE CORPORATION, US
[22] 2018-02-13
[41] 2018-08-14
[30] US (62/459,040) 2017-02-14
[30] US (15/893,129) 2018-02-09

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[21] **2,995,097**
[13] A1
[51] **Int.Cl. F24F 13/06 (2006.01) F24F 11/50 (2018.01) F24F 11/56 (2018.01) F24F 11/72 (2018.01) F24F 13/10 (2006.01)**
[25] EN
[54] **SMART VENT APPARATUS AND SYSTEM**
[54] **APPAREIL ET SYSTEME D'EVACUATION INTELLIGENT**
[72] NAJAFI, HAMID, US
[72] GUPTA, BHUSAN, US
[72] FARZANEH, HAMID, US
[71] ALEA LABS, INC., US
[22] 2018-02-14
[41] 2018-08-14
[30] US (62/600,070) 2017-02-14

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[21] **2,995,102**
[13] A1
[51] **Int.Cl. H04R 3/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FEEDBACK CONTROL FOR IN-CAR COMMUNICATIONS**
[54] **SYSTEME ET PROCEDE POUR COMMANDE DE RETROACTION POUR LES COMMUNICATIONS A L'INTERIEUR D'UNE VOITURE**
[72] EVERY, MARK ROBERT, CA
[71] 2236008 ONTARIO, INC., CA
[22] 2018-02-14
[41] 2018-08-17
[30] US (15/436,311) 2017-02-17

[21] **2,995,148**
[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 33/124 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **MULTI-STAGE HYDRAULIC FRACTURING TOOL AND SYSTEM**
[54] **OUTIL ET SYSTEME DE FRACTURATION HYDRAULIQUE A ETAGES MULTIPLES**
[72] WOOD, BLAKE, CA
[71] 1974091 ALBERTA INC., CA
[22] 2018-02-14
[41] 2018-08-14
[30] US (62/458,764) 2017-02-14
[30] US (62/486,129) 2017-04-17
[30] US (15/622,581) 2017-06-14

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[21] **2,995,172**
[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) G06Q 40/04 (2012.01) H04L 29/06 (2006.01)**
[25] EN
[54] **LOW-COST, REALISTIC, PERFORMANCE TEST BED FOR AN ELECTRONIC TRADING VENUE**
[54] **BANC D'ESSAI DE PERFORMANCE REALISTE A FAIBLE COUT POUR UNE PLATEFORME DE NEGOCIATION ELECTRONIQUE**
[72] MELTON, HAYDEN PAUL, US
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
[22] 2018-02-15
[41] 2018-08-16
[30] US (62/459635) 2017-02-16

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[21] **2,995,179**
[13] A1
[51] **Int.Cl. G01B 7/004 (2006.01) A61B 5/06 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **MULTI-AXIAL POSITION SENSORS PRINTED ON A FOLDED FLEXIBLE CIRCUIT BOARD**
[54] **CAPTEURS DE POSITION MULTIAXIAUX IMPRIMES SUR UNE CARTE DE CIRCUIT SOUPLE PLIEE**
[72] GOVARI, ASSAF, IL
[72] BAR-TAL, MEIR, IL
[72] REUVENI, AVI, IL
[71] BIOSENCE WEBSTER (ISRAEL) LTD., IL
[22] 2018-02-14
[41] 2018-08-15
[30] US (15/433,672) 2017-02-15

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[21] **2,995,184**
[13] A1
[51] **Int.Cl. E04H 12/24 (2006.01) E04H 12/22 (2006.01)**
[25] EN
[54] **UTILITY OR METER POLE TOP REINFORCEMENT METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE RENFORCEMENT DE LA PARTIE SUPERIEURE D'UN POTEAU ELECTRIQUE OU D'UN POTEAU DE COMPTEUR**
[72] BUTLER, ROBERT P., US
[71] PLS TECHNOLOGIES, INC., US
[22] 2018-02-15
[41] 2018-08-17
[30] US (15/435,934) 2017-02-17

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[21] **2,995,187**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/04 (2006.01) A61M 25/10 (2013.01) A61B 5/042 (2006.01)**
[25] EN
[54] **INTERLEAVED ABLATION ELECTRODES**
[54] **ELECTRODES D'ABLATION IMBRIQUEES**
[72] GOVARI, ASSAF, IL
[72] ALGAWI, YEHUDA, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-02-14
[41] 2018-08-15
[30] US (15/43309) 2017-02-15

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[21] **2,995,191**
[13] A1
[51] **Int.Cl. A43C 11/00 (2006.01) A43C 11/08 (2006.01) A44B 13/00 (2006.01) A47G 25/80 (2006.01) B25J 1/04 (2006.01)**
[25] EN
[54] **SHOE FASTENING APPARATUSES, SYSTEMS AND METHODS OF USING THE SAME**
[54] **APPAREILS DE SERRAGE DE CHAUSSURES ET SYSTEMES ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] BOSSERMAN, RICHARD, US
[71] BOSSERMAN, RICHARD, US
[22] 2018-02-14
[41] 2018-08-14
[30] US (15/432,725) 2017-02-14

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[21] **2,995,220**
[13] A1
[51] **Int.Cl. A47F 5/08 (2006.01) A47B 96/06 (2006.01) A47F 5/02 (2006.01)**
[25] EN
[54] **BRACKET FOR PRODUCT DISPLAY GRID AND RELATED METHODS**
[54] **SUPPORT POUR GRILLE DE PRESENTOIR DE PRODUITS ET PROCEDES CONNEXES**
[72] WILLS, MATTHEW, US
[72] FLUEGGE, CRAIG A., US
[72] POLLPETER, ERIC, US
[71] RETAIL SPACE SOLUTIONS LLC, US
[22] 2018-02-15
[41] 2018-08-15
[30] US (62/459,315) 2017-02-15

[21] **2,995,223**
[13] A1
[51] **Int.Cl. A23L 17/00 (2016.01) A23L 5/20 (2016.01) A22C 25/00 (2006.01)**
[25] EN
[54] **METHOD OF NEUTRALIZING AMMONIA ODOR AND FLAVOR FROM SHARK AND OTHER UREA-CONTAINING FISH**
[54] **PROCEDE DE NEUTRALISATION D'ODEUR ET DE SAVEUR D'AMMONIAC DE REQUIN ET AUTRE POISSON CONTENANT DE L'UREE**
[72] GALETTI, JOSEPH A., US
[72] PIERCE, LOGAN W., US
[71] HIGH LINER FOODS, INC., US
[22] 2018-02-15
[41] 2018-08-15
[30] US (62/459,105) 2017-02-15

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[21] **2,995,235**
[13] A1
[51] **Int.Cl. B62D 55/08 (2006.01)**
[25] EN
[54] **REAR TRACK ASSEMBLY FOR A VEHICLE**
[54] **ENSEMBLE CHENILLE ARRIERE POUR UN VEHICULE**
[72] MARCHILDON, LOUIS-FREDERIC, CA
[72] L'HERAULT, PATRICK, CA
[71] SOUCY INTERNATIONAL INC., CA
[22] 2018-02-15
[41] 2018-08-15
[30] US (62/459,526) 2017-02-15

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[21] **2,995,238**
[13] A1
[51] **Int.Cl. B62D 55/08 (2006.01)**
[25] EN
[54] **TRACK ASSEMBLY AND VEHICLE**
[54] **ENSEMBLE CHENILLE ET VEHICULE**
[72] MARCHILDON, LOUIS-FREDERIC, CA
[72] L'HERAULT, PATRICK, CA
[71] SOUCY INTERNATIONAL INC., CA
[22] 2018-02-15
[41] 2018-08-15
[30] US (62/459,526) 2017-02-15

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[21] **2,995,252**
[13] A1
[51] **Int.Cl. B60P 7/08 (2006.01)**
[25] EN
[54] **LOGISTIC RAIL ASSEMBLY FOR A COMPOSITE PANEL**
[54] **ENSEMBLE RAIL LOGISTIQUE POUR UN PANNEAU COMPOSITE**
[72] EHRLICH, RODNEY P., US
[72] FOX, IAN, US
[72] EHRLICH, MARK, US
[71] WABASH NATIONAL, L.P., US
[22] 2018-02-14
[41] 2018-08-14
[30] US (62/458,647) 2017-02-14

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[21] **2,995,253**
[13] A1
[51] **Int.Cl. B62D 55/08 (2006.01)**
[25] EN
[54] **REAR TRACK ASSEMBLY FOR A VEHICLE**
[54] **ENSEMBLE CHENILLE ARRIERE POUR UN VEHICULE**
[72] MARCHILDON, LOUIS-FREDERIC, CA
[72] L'HERAULT, PATRICK, CA
[71] SOUCY INTERNATIONAL INC., CA
[22] 2018-02-15
[41] 2018-08-15
[30] US (62/459,526) 2017-02-15

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[21] **2,995,271**
[13] A1
[51] **Int.Cl. E21B 34/10 (2006.01) E21B 21/10 (2006.01) F16K 17/04 (2006.01)**
[25] EN
[54] **PRESSURE ACTIVATED CYCLICAL VALVE APPARATUS AND METHOD**
[54] **PROCEDE ET APPAREIL A SOUPAPE CYCLIQUE ACTIVEE PAR PRESSION**
[72] BAUDOIN, TOBY SCOTT, US
[71] KLX ENERGY SERVICES LLC, US
[22] 2018-02-15
[41] 2018-08-15
[30] US (62/459,377) 2017-02-15

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[21] **2,995,273**
[13] A1
[51] **Int.Cl. E05D 15/26 (2006.01) E05D 13/00 (2006.01) E05D 15/08 (2006.01) E06B 3/48 (2006.01)**
[25] EN
[54] **FRICTION ADJUSTMENT MEMBER FOR ARCHITECTURAL COVERING**
[54] **ELEMENT D'AJUSTEMENT PAR FROTTEMENT POUR REVETEMENT ARCHITECTURAL**
[72] DOWNEY, JOSEPH MARK, US
[71] HUNTER DOUGLAS INC., US
[22] 2018-02-14
[41] 2018-08-15
[30] US (15/433,944) 2017-02-15

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[21] **2,995,280**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/18 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **CONNECTOR FOR CATHETER**
[54] **RACCORD POUR CATHETER**
[72] GOOSSENS, DAVID G., CA
[71] MEDQUEST MEDICAL INC., CA
[22] 2018-02-15
[41] 2018-08-16
[30] US (62/459,925) 2017-02-16

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[21] **2,995,282**
[13] A1
[51] **Int.Cl. B65D 45/20 (2006.01) B65D 1/22 (2006.01) B65D 21/02 (2006.01) B65D 25/28 (2006.01) B65D 45/22 (2006.01)**
[25] EN
[54] **STORAGE TOTE WITH LATCHING HANDLE**
[54] **BAC DE RANGEMENT AVEC POIGNEE DE VERROUILLAGE**
[72] HAN, HONGYUAN, US
[71] BARENTHAL NORTH AMERICA, INC., US
[22] 2018-02-15
[41] 2018-08-17
[30] US (62/460,320) 2017-02-17

[21] **2,995,291**
[13] A1
[51] **Int.Cl. E01H 5/06 (2006.01)**
[25] EN
[54] **SNOW PLOW BLADE**
[54] **LAME DE CHASSE-NEIGE**
[72] STEMERMAN, MARC, US
[72] LYNCH, DAREN, US
[72] CRONIN, JOHN, US
[72] D'ANDREA, MICHAEL G., US
[71] CHEMUNG SUPPLY CORPORATION, US
[22] 2018-02-14
[41] 2018-08-15
[30] US (15/433,485) 2017-02-15

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[21] **2,995,292**
[13] A1
[51] **Int.Cl. G02B 6/13 (2006.01) G02B 6/122 (2006.01)**
[25] EN
[54] **PHOTONIC CHIP HAVING A MONOLITHICALLY INTEGRATED REFLECTOR UNIT AND METHOD OF MANUFACTURING A REFLECTOR UNIT**
[54] **PUCE PHOTONIQUE COMPORTANT UNE UNITE DE REFLECTEUR INTEGREE MONOLITHIQUEMENT ET PROCEDE DE FABRICATION D'UNE UNITE DE REEFLECTEUR**
[72] PAQUET, ALEX, CA
[72] BARIBEAU, FRANCOIS, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[22] 2018-02-14
[41] 2018-08-14
[30] US (62/458,706) 2017-02-14

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[13] A1
[51] **Int.Cl. B64C 27/37 (2006.01) B64C 11/06 (2006.01) B64C 11/12 (2006.01) B64C 27/54 (2006.01)**
[25] EN
[54] **ROTOR ASSEMBLY WITH HIGH LOCK-NUMBER BLADES**
[54] **ENSEMBLE ROTOR AVEC PALES A NUMERO DE VERROUILLAGE ELEVE**
[72] MILLER, GARY, US
[72] STAMPS, FRANK B., US
[72] CHOI, JOUYOUNG JASON, US
[72] PARHAM, THOMAS C., JR., US
[72] EWING, ALAN, US
[72] RAUBER, RICHARD E., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2018-02-14
[41] 2018-08-14
[30] US (15/432,910) 2017-02-14

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[21] **2,995,409**
[13] A1
[51] **Int.Cl. G01N 29/04 (2006.01) G01N 37/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR METAMATERIAL ENHANCED CHAOTIC CAVITY TRANSDUCER**
[54] **PROCEDE ET APPAREIL POUR TRANSDUCTEUR A CAVITE CHAOTIQUE AMELIORE POUR METAMATERIAUX**
[72] VIEAU, DEAN M., US
[72] GIRRELL, BRUCE L., US
[72] CHIRINOS, JOHANA M., US
[72] SPENCER, DOUGLAS W., US
[71] MICROLINE TECHNOLOGY CORPORATION, US
[22] 2018-02-15
[41] 2018-08-15
[30] US (62/459,272) 2017-02-15

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[21] **2,995,412**
[13] A1
[51] **Int.Cl. B60R 11/04 (2006.01) B60R 1/00 (2006.01) B60S 1/02 (2006.01)**
[25] EN
[54] **OPTICAL DEVICE**
[54] **DISPOSITIF OPTIQUE**
[72] ADACHI, TAKAHIRO, JP
[72] KAWASAKI, TOSHIFUMI, JP
[72] MORII, YASUTOMO, JP
[72] MORI, TAKEKI, JP
[72] CHIDA, KAZUMI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-02-15
[41] 2018-08-15
[30] JP (2017-026125) 2017-02-15

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[21] **2,995,442**
[13] A1
[51] **Int.Cl. B65G 65/48 (2006.01) B65D 88/08 (2006.01) B65D 88/54 (2006.01) B65G 65/46 (2006.01)**
[25] EN
[54] **BIN SWEEP ASSEMBLY AND METHOD**
[54] **ENSEMBLE ET PROCEDE DE BALAYAGE DE BAC**
[72] KLUBERTANZ, JAMES ALAN, US
[72] MATENAER, KYLE MARK, US
[72] ZOLP, DENNIS JAMES, US
[72] BALLWEG, BRADLEY JOSEPH, US
[71] ACTUANT CORPORATION, US
[22] 2018-02-16
[41] 2018-08-17
[30] US (62/460,361) 2017-02-17

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[21] **2,995,497**
[13] A1
[51] **Int.Cl. E05G 1/08 (2006.01) A47G 29/10 (2006.01) A47G 29/20 (2006.01) E05B 65/52 (2006.01)**
[25] EN
[54] **LOCK BOX ASSEMBLY**
[54] **ENSEMBLE BOITE DE VERROUILLAGE**
[72] YARDLEY, JAMES, US
[72] ADAMS, CAMERON, US
[71] KEYMASTER SOLUTIONS, LLC, US
[22] 2018-02-16
[41] 2018-08-16
[30] US (15/434,597) 2017-02-16

[21] 2,995,510
[13] A1
[51] **Int.Cl. B64C 13/02 (2006.01) B64C 9/12 (2006.01) B64C 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FLAPERON AND/OR AILERON CONTROL**
[54] **SYSTEME ET PROCEDE POUR FLAPERON OU COMMANDE D'AILERON**
[72] ROBERTS, BRAD JOHN, US
[72] WASYLYSZYN, JONATHAN ALLEN, US
[72] KISOR, RON LORENZ, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2018-02-15
[41] 2018-08-17
[30] US (15/436,225) 2017-02-17

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[21] 2,995,512
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H02H 7/26 (2006.01)**
[25] EN
[54] **LOCALIZED APPLICATION OF HIGH IMPEDANCE FAULT ISOLATION IN MULTI-TAP ELECTRICAL POWER DISTRIBUTION SYSTEM**
[54] **APPLICATION LOCALISEE D'ISOLATION DE DEFAUT DE HAUTE IMPEDANCE DANS UN SYSTEME DE DISTRIBUTION D'ELECTRICITE A PRISES MULTIPLES**
[72] O'REGAN, TIMOTHY M., US
[72] O'REGAN, TIMOTHY J., US
[72] HAYES, THOMAS M., US
[71] ELECTRICAL MATERIALS COMPANY, US
[22] 2018-02-16
[41] 2018-08-16
[30] US (15/435,002) 2017-02-16

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[21] 2,995,524
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/18 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **URINARY CATHETER CONNECTOR**
[54] **RACCORD DE CATHETER URINAIRE**
[72] BINNENDYK, HARRY, CA
[71] 2479944 ONTARIO LTD., CA
[22] 2018-02-16
[41] 2018-08-16
[30] US (62/459,775) 2017-02-16

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[21] 2,995,527
[13] A1
[51] **Int.Cl. A63B 57/10 (2015.01)**
[25] EN
[54] **GOLF TEE FOR GUIDING A BALL**
[54] **TEE DE GOLF POUR GUIDER UNE BALLE**
[72] GAUVIN, SERGE, CA
[71] NOVA STRATE INC., CA
[22] 2018-02-16
[41] 2018-08-17
[30] US (62/460,681) 2017-02-17

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[21] 2,995,535
[13] A1
[51] **Int.Cl. H02G 3/08 (2006.01) H02G 3/12 (2006.01) H02G 3/14 (2006.01)**
[25] EN
[54] **HINGED MUD RING ASSEMBLY**
[54] **ENSEMBLE ANNEAU DE BOUE ARTICULE**
[72] KORCZ, KRZYSZTOF, US
[72] JOHNSON, STEVEN, US
[71] HUBBELL INCORPORATED, US
[22] 2018-02-16
[41] 2018-08-17
[30] US (62/460,297) 2017-02-17

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[21] 2,995,539
[13] A1
[51] **Int.Cl. B65G 47/52 (2006.01) B65G 47/38 (2006.01)**
[25] EN
[54] **STRETCH BLOW MOLDING MACHINE HAVING A FLYING HEAD CONVEYOR LOADER**
[54] **MACHINE POUR MOULAGE AVEC ETIRAGE-GONFLAGE DOTE D'UN CHARGEUR DE TRANSPORTEUR A TETE FLOTTANTE**
[72] AMSLER, WERNER, CA
[72] LI, MEI, CA
[71] W. AMSLER EQUIPMENT INC., CA
[22] 2018-02-16
[41] 2018-08-17
[30] US (62/460379) 2017-02-17

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[21] 2,995,544
[13] A1
[51] **Int.Cl. A01B 33/02 (2006.01) A01B 33/08 (2006.01) B02C 13/28 (2006.01) B02C 18/18 (2006.01)**
[25] EN
[54] **MULCHING APPARATUS AND RELATED COMPONENTS**
[54] **APPAREIL DE PAILLAGE ET COMPOSANTS CONNEXES**
[72] PENTESCO, ROBERT ANTHONY, CA
[72] FISHER, JACOB WHEATLEY, CA
[71] TIGERCAT INTERNATIONAL INC., CA
[22] 2018-02-16
[41] 2018-08-17
[30] US (62/460,469) 2017-02-17

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[21] 2,995,611
[13] A1
[51] **Int.Cl. B65H 75/42 (2006.01) A01C 3/06 (2006.01) A01C 15/00 (2006.01) A01C 23/00 (2006.01) B65H 75/44 (2006.01)**
[25] EN
[54] **HOSE REEL**
[54] **DEVIDOIR**
[72] ZIMMERMAN, NATHAN, US
[71] HYDRO OPERATING, LLC, US
[22] 2018-02-19
[41] 2018-08-17
[30] US (62/460730) 2017-02-17

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[21] **2,995,619**
[13] A1
[51] **Int.Cl. B31B 70/74 (2017.01)**
[25] EN
[54] **DEVICE FOR PROVIDING A CUSHION DURING STORAGE AND MOVING OF AN OBJECT**
[54] **DISPOSITIF POUR FOURNIR UN COUSSIN DURANT LE STOCKAGE ET LE DEPLACEMENT D'UN OBJET**
[72] KOHN, STEVE, US
[72] DEOLIVEIRA, LUIS, US
[72] RADAKOVICH, JAIME, US
[71] BROADWAY HOLDINGS IV, LLC, US
[22] 2018-02-19
[41] 2018-08-15
[30] US (15/433,571) 2017-02-15

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[21] **2,995,624**
[13] A1
[51] **Int.Cl. A01C 5/08 (2006.01) A01C 15/00 (2006.01)**
[25] EN
[54] **MANURE APPLICATION TOOLBAR**
[54] **BARRE A OUTILS D'APPLICATION DE FUMIER**
[72] ZIMMERMAN, NATHAN, US
[71] HYDRO OPERATING, LLC, US
[22] 2018-02-16
[41] 2018-08-16
[30] US (62/460077) 2017-02-16

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[21] **2,995,629**
[13] A1
[51] **Int.Cl. B64D 11/06 (2006.01) H02G 3/00 (2006.01) H02G 3/04 (2006.01) H02J 4/00 (2006.01) H04L 12/40 (2006.01)**
[25] EN
[54] **SIDEWALL SEAT TRACK MOUNTED USB POWER AND COMMUNICATION HUB FOR PASSENGER AIRCRAFT**
[54] **CONCENTRATEUR DE COMMUNICATION ET D'ALIMENTATION USB MONTE SUR GLISSIERE DE SIEGE DE PAROI LATERALE POUR AERONEF DE PASSAGERS**
[72] SMALLHORN, GEORGE R., CA
[71] INFLIGHT INVESTMENTS INC., CA
[22] 2018-02-16
[41] 2018-08-16
[30] US (62/459,640) 2017-02-16

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[21] **2,995,658**
[13] A1
[51] **Int.Cl. B25J 21/02 (2006.01)**
[25] EN
[54] **CONTROLLED ENVIRONMENT PROCESSING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT A ENVIRONNEMENT CONTROLE**
[72] SCOTCHMER, NIGEL, CA
[71] HUYS INDUSTRIES LIMITED, CA
[22] 2018-02-16
[41] 2018-08-17
[30] US (62/460,380) 2017-02-17

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[21] **2,995,660**
[13] A1
[51] **Int.Cl. B29C 49/64 (2006.01)**
[25] EN
[54] **STRETCH BLOW MOLDING MACHINE HAVING A FRAME EXTENSION FOR OVEN HEATER SERVICING**
[54] **MACHINE DE MOULAGE PAR ETIRAGE-GONFLAGE COMPORTANT UNE EXTENSION DE CADRE POUR L'ENTRETIEN D'UN ELEMENT CHAUFFANT DE FOUR**
[72] AMSLER, WERNER, CA
[72] LI, MEI, CA
[71] W. AMSLER EQUIPMENT INC., CA
[22] 2018-02-16
[41] 2018-08-17
[30] US (62/460190) 2017-02-17

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[21] **2,995,661**
[13] A1
[51] **Int.Cl. E21B 23/01 (2006.01) E21B 23/02 (2006.01)**
[25] EN
[54] **HOLDDOWN ASSEMBLY**
[54] **ENSEMBLE D'ASSUJETTISSEMENT**
[72] GOFF, MALCOLM, CA
[71] GOFF, MALCOLM, CA
[22] 2018-02-19
[41] 2018-08-17
[30] US (62/460,301) 2017-02-17

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[21] **2,995,666**
[13] A1
[51] **Int.Cl. B29C 49/08 (2006.01)**
[25] EN
[54] **STRETCH BLOW MOLDING MACHINE DIFFERENT ARTICLES FROM THE SAME PREFORMS IN A SINGLE CYCLE**
[54] **MACHINE DE MOULAGE PAR ETIRAGE-GONFLAGE PERMETTANT DE PRODUIRE DIFFERENTS ARTICLES A PARTIR DES MEMES PREFORMES EN UN SEUL CYCLE**
[72] AMSLER, WERNER, CA
[72] LI, MEI, CA
[71] W. AMSLER EQUIPMENT INC., CA
[22] 2018-02-16
[41] 2018-08-17
[30] US (62/460228) 2017-02-17

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G16H 20/10 (2018.01) B65B 5/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR COLLECTING PHARMACEUTICAL CONTAINERS**
[54] **PROCEDES ET SYSTEMES POUR COLLECTER DES CONTENANTS PHARMACEUTIQUES**
[72] HOFFMAN, ROBERT, US
[72] JOPLIN, JONATHAN, US
[71] EXPRESS SCRIPTS STRATEGIC DEVELOPMENT, INC., US
[22] 2018-02-16
[41] 2018-08-16
[30] US (15/434,825) 2017-02-16

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[21] **2,995,696**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G16H 10/60 (2018.01) G16H 15/00 (2018.01) G16H 40/20 (2018.01)**
[25] EN
[54] **INTELLIGENT WORK ROUTING**
[54] **ROUTAGE DE TRAVAUX INTELLIGENT**
[72] GRANSDEN, IAN, GB
[72] GASKELL, JAMES, GB
[71] MMODAL IP LLC, US
[22] 2018-02-19
[41] 2018-08-17
[30] US (62/460,346) 2017-02-17

[21] **2,995,779**
[13] A1
[51] **Int.Cl. F25B 47/02 (2006.01) F25B 49/02 (2006.01)**
[25] EN
[54] **REVERSE DEFROST SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDE DE DEGIVRAGE PAR INVERSION**
[72] XU, YONGHUI, US
[72] CRANE, JACOB AARON, US
[71] NATIONAL COIL COMPANY, US
[22] 2018-02-19
[41] 2018-08-17
[30] US (62/460,468) 2017-02-17

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[21] **2,995,799**
[13] A1
[51] **Int.Cl. F25B 47/02 (2006.01) F25B 49/02 (2006.01)**
[25] EN
[54] **REVERSE CYCLE DEFROST REFRIGERATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE REFRIGERATION/DEGIVRAGE PAR CYCLE INVERSE**
[72] XU, YONGHUI, US
[72] SELBY, DAVID LEE, US
[71] NATIONAL COIL COMPANY, US
[22] 2018-02-19
[41] 2018-08-17
[30] US (62/460,451) 2017-02-17

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[21] **2,999,447**
[13] A1
[51] **Int.Cl. C10L 5/44 (2006.01) B01D 21/26 (2006.01)**
[25] EN
[54] **PROCESS FOR BENEFICIATING AND CLEANING BIOMASS**
[54] **PROCEDE D'ENRICHISSEMENT ET DE NETTOYAGE DE BIOMASSE**
[72] SCALZO, PHILIP J., US
[72] TAIT, CARLETON D., US
[72] MCCARTHY, DANIEL J., US
[72] TAYLOR, RUSSELL N., US
[72] CELLA, RONALD A., US
[72] KOCH, GREGORY W., US
[72] MORBY, DAVID T., US
[72] HEPWORTH, JASON W., US
[72] OWENS, JASON D., US
[71] ACTIVE ENERGY GROUP, PLC, GB
[22] 2018-03-27
[41] 2018-08-15
[30] US (15/877,937) 2018-01-23
[30] US (62/508,043) 2017-05-18

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[21] **3,002,180**
[13] A1
[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/06 (2006.01)**
[25] EN
[54] **SURGICAL NEEDLE SAFETY SHIELD AND CONTAINER FOR HOLDING THE SAME**
[54] **ECRAN DE PROTECTION POUR AIGUILLE CHIRURGICALE ET RECIPIENT DESTINE A LE CONTENIR**
[72] FARRELL, SCOTT, CA
[71] FARRELL, SCOTT, CA
[22] 2018-04-19
[41] 2018-08-14

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[21] **3,006,819**
[13] A1
[51] **Int.Cl. F16K 11/14 (2006.01) E03C 1/04 (2006.01) F16K 11/18 (2006.01) F16K 31/60 (2006.01)**
[25] EN
[54] **DUAL-LEVER WATER-SAVING FAUCET**
[54] **ROBINET ECONOMISEUR D'EAU A DOUBLE LEVIER**
[72] DHARAMSHI, HITESH, US
[71] DHARAMSHI, HITESH, US
[22] 2018-05-31
[41] 2018-08-16

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[21] **3,006,852**
[13] A1
[51] **Int.Cl. F16K 5/06 (2006.01) F16K 5/20 (2006.01)**
[25] EN
[54] **DOUBLE-PISTON-EFFECT VALVE**
[54] **SOUPAPE A DOUBLE EFFET DE PISTON**
[72] CHEN, JEROME CHIN LUNG, CA
[72] LI, MICHAEL QIANG, CA
[71] FORTUNE MFG. CO., LTD., CN
[22] 2018-05-30
[41] 2018-08-15

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[21] **3,007,569**
[13] A1
[51] **Int.Cl. F24F 1/04 (2011.01) F24F 3/14 (2006.01) F24F 13/00 (2006.01)**
[25] EN
[54] **PORTABLE DESICCANT DEHUMIDIFIER**
[54] **DESHUMIFDIFICATEUR DESSICCATIF PORTATIF**
[72] CARLSON, LAURENCE A., US
[72] COYNE, JEREMY DANIEL, US
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] EBERT, SEAN MICHAEL, US
[72] GIALLOMBARDO, RICHARD G., US
[72] STEFFES, MICHAEL J., US
[72] TRUMM, JOSHUA ALEXANDER, US
[71] THERMA-STOR LLC, US
[22] 2018-06-07
[41] 2018-08-14
[30] US (15/632,622) 2017-06-26

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[21] **3,007,573**
[13] A1
[51] **Int.Cl. F24F 1/04 (2011.01) F24F 3/14 (2006.01) F24F 13/00 (2006.01)**
[25] EN
[54] **FAN BRACKET FOR A PORTABLE DEHUMIDIFIER**
[54] **SUPPORT DE VENTILATEUR POUR UN DESHUMIDIFICATEUR PORTATIF**
[72] CARLSON, LAURENCE A., US
[72] COYNE, JEREMY DANIEL, US
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] EBERT, SEAN MICHAEL, US
[72] GIALLOMBARDO, RICHARD G., US
[72] STEFFES, MICHAEL J., US
[72] TRUMM, JOSHUA ALEXANDER, US
[71] THERMA-STOR LLC, US
[22] 2018-06-07
[41] 2018-08-14
[30] US (15/632,740) 2017-06-26

[21] **3,007,588**
[13] A1
[51] **Int.Cl. F24F 1/04 (2011.01) F24F 11/62 (2018.01) F24F 3/14 (2006.01)**
[25] EN
[54] **PORTABLE DESICCANT DEHUMIDIFIER CONTROL CIRCUIT**
[54] **CIRCUIT DE COMMANDE DE DESHUMIDIFICATEUR DESSICCATIF PORTATIF**
[72] CARLSON, LAURENCE A., US
[72] COYNE, JEREMY DANIEL, US
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] EBERT, SEAN MICHAEL, US
[72] GIALLOMBARDO, RICHARD G., US
[72] STEFFES, MICHAEL J., US
[72] TRUMM, JOSHUA ALEXANDER, US
[71] THERMA-STOR LLC, US
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[54] **CONTROL PANEL FOR A PORTABLE DEHUMIDIFIER**
[54] **PANNEAU DE COMMANDE POUR UN DESHUMIDIFICATEUR PORTATIF**
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] HENRY, JOSHUA WILLIAM, US
[72] SCHARPING, JAMES A., JR., US
[72] VERHOEVEN, JEROME, US
[71] THERMA-STOR LLC, US
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[54] **DESICCANT WHEEL FOR A PORTABLE DEHUMIDIFIER**
[54] **ROUE DESHYDRATANTE POUR UN DESHUMIDIFICATEUR PORTATIF**
[72] CARLSON, LAURENCE A., US
[72] COYNE, JEREMY DANIEL, US
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] EBERT, SEAN MICHAEL, US
[72] GIALLOMBARDO, RICHARD G., US
[72] STEFFES, MICHAEL J., US
[72] TRUMM, JOSHUA ALEXANDER, US
[71] THERMA-STOR LLC, US
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[54] **PORTABLE STACKABLE DEHUMIDIFIER**
[54] **DESHUMIDIFICATEUR EMPILABLE PORTATIF**
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] HENRY, JOSHUA WILLIAM, US
[72] SCHARPING, JAMES A., JR., US
[72] VERHOEVEN, JEROME, US
[71] THERMA-STOR LLC, US
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[25] FR
[54] **PROCEDE DE FABRICATION D'UN CORPS DE REMPLISSAGE D'UNE PALE D'UN ROTOR ET CORPS DE REMPLISSAGE D'UNE PALE DE ROTOR COMPORTANT AU MOINS UN ENSEMBLE ALVEOLAIRE A CELLULES FERMEES**
[54] **PROCEDE DE FABRICATION D'UN CORPS DE REMPLISSAGE D'UNE PALE D'UN ROTOR ET CORPS DE REMPLISSAGE D'UNE PALE DE ROTOR COMPORTANT AU MOINS UN ENSEMBLE ALVEOLAIRE A CELLULES FERMEES**
[72] AMARI, ANDRE, FR
[72] GAFFIERO, JACQUES, FR
[72] PICCONE, JEAN-FRANCOIS, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2018-06-11
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[54] **COLLISION-AVOIDANCE SYSTEM FOR AUTONOMOUS-CAPABLE VEHICLES**
[54] **SYSTEME D'EVITEMENT DE COLLISION POUR VEHICULES A CAPACITE AUTONOME**
[72] GRAY, ANDREW, US
[71] UBER TECHNOLOGIES, INC., US
[22] 2018-06-13
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[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING A DASHBOARD**
[54] **PROCEDE ET SYSTEME POUR GENERER UN TABLEAU DE BORD**
[72] PICHHADZE, AVIV, CA
[71] KNOWLEDGE OBSERVER INC., CA
[22] 2018-06-14
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[54] **RAPID SAMPLE PREPARATION FOR ANALYTICAL ANALYSIS USING DISPERSIVE ENERGIZED EXTRACTION**
[54] **PREPARATION D'ECHANTILLON RAPIDE POUR ANALYSE ANALYTIQUE AU MOYEN D'UNE EXTRACTION EXCITEE DISPERSIVE**
[72] LAMBERT, JOSEPH J., US
[72] BEARD, MATTHEW N., US
[72] ELLIOTT, PAUL C., US
[72] COLLINS, MICHAEL J., SR., US
[71] CEM CORPORATION, US
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[54] **TARGET RESET SYSTEM**
[54] **SYSTEME DE REINITIALISATION DE CIBLE**
[72] LI, GANG, CA
[71] LI, GANG, CA
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[54] **EXHAUST GAS TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE GAZ D'ECHAPPEMENT**
[72] YANG, XIAOFAN, US
[72] XUE, WEN-MEI, US
[72] HOCHMUTH, JOHN K., US
[72] SCHLADT, MATTHEW J., US
[72] LI, YUEJIN, US
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[54] **COMMODITY EXPERIENCE APPARATUS, SYSTEM AND METHOD**
[54] **APPAREIL D'EXPERIENCE DE MARCHANDISE, SYSTEME ET METHODE**
[72] ZHANG, XIAOLING, CN
[71] JIANGSU BEIER DECORATION MATERIALS CO., LTD., CN
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[54] **THE METHOD OF ADJUSTING WIND TURBINE POWER TAKE-OFF**
[54] **LA METHODE D'AJUSTEMENT DE LA PRISE DE FORCE D'EOLIENNE**
[72] MASOLOV, VLADIMIR GENNADEVICH, RU
[72] BEREZIN, VALERIJ SERGEEVICH, RU
[72] LOGINOV, ANATOLIJ LEONIDOVICH, RU
[72] POLETAEV, IVAN GEORGIEVICH, RU
[72] MASOLOV, ANDREJ GENNADEVICH, RU
[72] FADEEV, IVAN ALEKSANDROVICH, RU
[72] KHUDONOGOV, ANDREJ VIKTOROVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOJ OTVETSTVENNOSTYU "VDM-TEKHNIKA", RU
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[54] **COMPUTER-IMPLEMENTED METHOD OF HANDLING ELECTROCARDIOGRAM DATA**
[54] **METHODE INFORMATIQUE DE TRAITEMENT DES DONNEES D'ELECTROCARDIOGRAMME**
[72] FECTEAU, PIERRE, CA
[72] ETHIER, GERMAIN, CA
[71] ICENTIA INC., CA
[85] 2018-04-10
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[54] **FASTENING TIP FOR CONNECTING A CARGO SUPPORT BEAM TO A TRACK**
[54] **EMBOUT DE FIXATION DESTINE A CONNECTER UN MONTANT DE SUPPORT DE MARCHANDISE A UN RAIL**
[72] CHEZ, WEIGUO, CN
[72] CHEN, YANQUIONG, CN
[72] DENG, WEI, CN
[71] NINGBO XULI METAL PRODUCTS CO., LTD., CN
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[54] **PROCEDES DE LAVAGE A CONTRE-COURANT DE FILTRE COMPRESSIBLE SYNTHETIQUE**
[72] DESMOTTES, CHRISTOPHE D., US
[71] SUEZ TREATMENT SOLUTIONS INC., FR
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[54] **ROLL HOLDER**
[54] **PORTE-ROULEAU**
[72] HAROUNIAN, KAVEH, US
[71] HAROUNIAN, KAVEH, US
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[25] EN
[54] **COMBINATION THERAPY FOR TREATING CANCER**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER**
[72] RAIMONDI, MARIA ALEJANDRA, US
[71] EPIZYME, INC., US
[85] 2018-07-10
[86] 2017-01-27 (PCT/US2017/015352)
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[25] EN
[54] **COMPOSITION CONTAINING AMINO ACIDS**
[54] **COMPOSITION CONTENANT DES ACIDES AMINES**
[72] PRIEMER, WOLFGANG, DE
[72] FINKE, ROBERT, DE
[71] PRIEMER, WOLFGANG, DE
[71] FINKE, ROBERT, DE
[85] 2018-07-12
[86] 2017-01-13 (PCT/EP2017/050683)
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[25] EN
[54] **TECHNIQUES FOR MANIPULATION OF TWO-QUBIT QUANTUM STATES AND RELATED SYSTEMS AND METHODS**
[54] **TECHNIQUES DE MANIPULATION D'ETATS A DEUX QUANTUMS ET SYSTEMES ET PROCEDES ASSOCIES**
[72] WANG, CHEN, US
[72] GAO, YVONNE, US
[72] FRUNZIO, LUIGI, US
[72] DEVORET, MICHEL, US
[72] SCHOELKOPF, ROBERT J., US
[71] YALE UNIVERSITY, US
[85] 2018-07-11
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[25] EN
[54] **NOVEL PROBIOTIC BACTERIAL STRAIN OF LACTOBACILLUS PLANTARUM AND COMPOSITIONS AND USES THEREOF IN THE TREATMENT OF INFLAMMATION**
[54] **NOUVELLE SOUCHE BACTERIENNE PROBIOTIQUE DE LACTOBACILLUS PLANTARUM, COMPOSITIONS EN CONTENANT ET LEURS UTILISATIONS DANS LE TRAITEMENT DE L'INFLAMMATION**
[72] FISCHER, JORG THILO, DE
[72] GOTZ, MARCUS RUDOLF, DE
[72] MOLIN, GORAN, SE
[72] AHRNE, SIV, SE
[71] PROBI AB, SE
[85] 2018-07-12
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[54] **METHODS AND COMPOSITIONS FOR TREATING DAMAGED HAIR**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE CHEVEUX ENDOMMAGES**
[72] SYED, ALI NAQI, US
[72] O'LENICK, ANTHONY J., US
[71] SALON COMMODITIES, INC., US
[85] 2018-07-12
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[54] **VENTILATION CONTROL APPARATUS AND VENTILATION SYSTEM**
[54] **APPAREIL DE COMMANDE DE VENTILATION ET SYSTEME DE VENTILATION**
[72] FUNADA, NAOYUKI, JP
[72] SASAKI, MASAYUKI, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2018-07-16
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[54] **COMPOSITIONS THAT BRIGHTEN SKIN, PROVIDE SUN PROTECTION, AND PERMIT VITAMIN D PRODUCTION**
[54] **COMPOSITIONS QUI EMBELLISSENT LA PEAU, LA PROTEGENT CONTRE LE SOLEIL ET PERMETTENT LA PRODUCTION DE VITAMINE D**
[72] ARMSTRONG, ERNEST T., AU
[71] ARMSTRONG, ERNEST T., AU
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[54] **USE OF PROSTACYCLIN ANTAGONISTS FOR TREATING OCULAR SURFACE NOCICEPTION**
[54] **UTILISATION D'ANTAGONISTES DE LA PROSTACYCLINE POUR LE TRAITEMENT D'UNE NOCICEPTION DE LA SURFACE OCULAIRE**
[72] WOODWARD, DAVID FREDERICK, US
[72] WANG, WEIZHEN, US
[71] JENIVISION INC., US
[85] 2018-07-20
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[25] EN
[54] **CANCER**
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[72] GREENFIELD, SUSAN, GB
[72] TU, HENRY, GB
[72] MORRILL, PAUL, GB
[72] GARCIA-RATES, SARA, GB
[72] PEPPER, CHRIS, GB
[72] FEGAN, CHRIS, GB
[71] NEURO-BIO LTD, GB
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[54] **READY-TO-EAT CEREAL COMPOSITION**
[54] **COMPOSITION DE CEREALES PRETES A MANGER**
[72] GONZALEZ, TANHIA D., US
[72] GONZALEZ, DAVID C., US
[72] NG, CHRISTINE, US
[71] GENERAL MILLS, INC., US
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[25] EN
[54] **HETEROCYCLIC COMPOUNDS, IN PARTICULAR 2-OXO-4,4,5,5,6,6,7,7-OCTAHYDROBENZOXAZOLE DERIVATIVES, AND THEIR USE AS ANTIBACTERIAL COMPOUNDS**
[54] **COMPOSES HETEROCYCLIQUES, EN PARTICULIER DERIVES DE 2-OXO -4,4,5,5,6,6,7,7-OCTAHYDROBENZOXAZOLE, ET LEUR UTILISATION EN TANT QUE COMPOSES ANTIBACTERIENS**
[72] COOPER, IAN, GB
[72] LYONS, AMANDA, GB
[72] ORR, DAVID, GB
[72] KIRKHAM, JAMES, GB
[72] BLADES, KEVIN, GB
[71] REDX PHARMA PLC, GB
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[25] EN
[54] **SANDWICH ROOF PANELS TO SERVE AS THERMAL COLLECTORS**
[54] **PANNEAUX DE TOITURE EN SANDWICH DESTINES A SERVIR DE COLLECTEURS THERMIQUES**
[72] BELLAY, PETER, HU
[71] BELLAY, PETER, HU
[85] 2018-07-27
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[54] **BLOCK COPOLYMERS OF LACTONES AND POLY(PROPYLENE FUMARATE)**
[54] **COPOLYMERES BLOCS DE LACTONES ET FUMARATE DE POLYPROPYLENE**
[72] BECKER, MATTHEW, US
[72] WILSON, JAMES, US
[72] PETERSON, SHANNON, US
[71] THE UNIVERSITY OF AKRON, US
[85] 2018-07-31
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[87] (3012937)
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[54] **SUPPLEMENTAL HEAT TRANSFER APPARATUS FOR GEOTHERMAL SYSTEMS**
[54] **APPAREIL POUR TRANSFERT DE CHALEUR SUPPLEMENTAIRE POUR SYSTEMES GEOTHERMIQUES**
[72] JACOBI, ROBERT W., US
[71] JACOBI, ROBERT W., US
[85] 2018-07-27
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[54] **BIOLOGICALLY ACTIVE CANNABIDIOL ANALOGS**
[54] **ANALOGUES DE CANNABIDIOL BIOLOGIQUEMENT ACTIFS**
[72] ELSOHLY, MAHMOUD A., US
[72] MAJUMDAR, SOUMYAJIT, US
[72] GUL, WASEEM, US
[72] ASHFAQ, MOHAMMAD KHALID, US
[72] SUFKA, KENNETH JOSEPH, US
[72] HARRIS, HANNAH MARIE, US
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[54] **MANUAL EMERGENCY GAS RELEASE SYSTEM**
[54] **SYSTEME DE LIBERATION DE GAZ D'URGENCE MANUEL**
[72] BAIK, SEUNG W., US
[72] SLOAN, TODD F., US
[72] LAYCOCK, JASON, US
[72] FORSBERG, CHRIS, US
[71] AGILITY FUEL SYSTEMS LLC, US
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[25] EN
[54] **MODULAR BUILT MEDICAL DEVICE AND PROCESS FOR ASSISTING INTERMITTENT CLEAN SELF-CATHETERIZATION AND/OR SELF-INSTILLATION OF DRUG-SOLUTIONS INTO THE BLADDER IN FEMALE PATIENTS**
[54] **APPAREIL MEDICAL A BATI MODULAIRE ET PROCEDE D'AIDE A L'AUTO CATHETERISATION PROPRE OU AUTOINJECTION DE SOLUTIONS MEDICAMENTEUSES DANS LA VESSIEDES PATIENTES**
[72] GIBER, JANOS, HU
[72] LOVASZ, SANDOR, HU
[72] RENYI, GABOR, HU
[71] GIBER, JANOS, HU
[71] LOVASZ, SANDOR, HU
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[25] EN
[54] **EXTENDED RELEASE DRUG FORMULATION WITH OVERDOSE PROTECTION AND ABUSE DETERRENCE**
[54] **FORMULATION A LIBERATION DE MEDICAMENT PROLONGEE AVEC PROTECTION CONTRE LES SURDOSES ET DISSUASION CONTRE LES ABUS**
[72] SHAH, NAVNIT H., US
[72] PHUAPRADIT, WANTANEE, US
[72] DESAI, DIPEN, US
[72] VAKA, SIVA RAM KIRAN, US
[72] MEGHPARA, KANJI, US
[72] THONGSUKMAK, ATSAWIN, US
[71] KASHIV PHARMA LLC, US
[85] 2018-07-31
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[25] EN
[54] **METHOD AND SYSTEM FOR PERSONALIZING SOFTWARE BASED ON REAL TIME TRACKING OF VOICE-OF-CUSTOMER FEEDBACK**
[54] **PROCEDE ET SYSTEME PERMETTANT DE PERSONNALISER UN LOGICIEL SUR LA BASE D'UN SUIVI EN TEMPS REEL DE LA RETROACTION VOIX DU CLIENT**
[72] PODGORNY, IGOR A., US
[72] BARTOLOME, WARREN, US
[72] HUNG, KELVIN, US
[72] INDYK, BENJAMIN, US
[71] INTUIT INC., US
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[25] EN
[54] **HIGH PRESSURE TEST PLUG**
[54] **BOUCHON D'ESSAI HAUTE-PRESSION**
[72] SYED, ASIM, US
[71] CHERNE INDUSTRIES INCORPORATED, US
[85] 2018-07-31
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[54] **GABLE TOP WITH SPOUT CLOSURE**
[54] **PIGNON AVEC FERMETURE PAR BEC**
[72] KALBERER, RODERICK W., US
[72] STEEN, NORSEN, US
[71] EVERGREEN PACKAGING LLC, US
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[54] **SYSTEME DOMOTIQUE**
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[71] INNOGY SE, DE
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[54] **DISPOSITIF DE NETTOYAGE MUNI DE BANDES DE NETTOYAGE**
[72] THYSON, DIANA, DE
[71] CARL FREUDENBERG KG, DE
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[54] **NEW STREPTOCOCCAL PROTEASES**
[54] **NOUVELLES PROTEASES STREPTOCOCCIQUES**
[72] VON PAWEL-RAMMINGEN, ULRICH, SE
[72] SPOERRY, CHRISTIAN, SE
[71] GENOVIS AB, SE
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[54] **FIXING SYSTEM FOR PANELS AND TURBOMACHINE ENCLOSURE COMPRISING SUCH SYSTEM**
[54] **SYSTEME DE FIXATION POUR PANNEAUX ET ENCEINTE DE TURBOMACHINE COMPRENANT LEDIT SYSTEME**
[72] MAGAROTTO, ANDREA, IT
[72] TOZZI, PIERLUIGI, IT
[72] ZAFFINO, DOMENICO, IT
[72] CHECCACCI, EMANUELE, IT
[72] BISIO, VALENTINA, IT
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
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[51] **Int.Cl. A61K 47/69 (2017.01) A61P 13/10 (2006.01)**
[25] EN
[54] **HIGH BIOAVAILABILITY OROMUCOSAL PHARMACEUTICAL PREPARATIONS BASED ON CYCLODEXTRIN AND SUCRALOSE**
[54] **PREPARATIONS PHARMACEUTIQUES OROMUQUEUSES A BIODISPONIBILITE ELEVEE A BASE DE CYCLODEXTRINE ET DE SUCRALOSE**
[72] BELLORINI, LORENZO, IT
[72] NOCELLI, LUCA, IT
[72] FOSSATI, TIZIANO, IT
[71] ALTERGON S.A., CH
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[54] **SMOKING DEVICE AND METHOD FOR AEROSOL-GENERATION**
[54] **DISPOSITIF DE TABAGISME ET PROCEDE DE GENERATION D'AEROSOL**
[72] COURBAT, JEROME CHRISTIAN, CH
[72] MIRONOV, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **LIRAGLUTIDE IN CARDIOVASCULAR CONDITIONS**
[54] **LIRAGLUTIDE UTILISE DANS LE TRAITEMENT DE MALADIES CARDIOVASCULAIRES**
[72] RASMUSSEN, SOREN, DK
[72] KVIST, KAJSA, DK
[71] NOVO NORDISK A/S, DK
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[25] EN
[54] **COATING DEVICE, COATING SYSTEM AND A METHOD**
[54] **DISPOSITIF DE REVETEMENT, SYSTEME DE REVETEMENT ET PROCEDE**
[72] LOKKINEN, MIKA, FI
[71] PICOTE SOLUTIONS OY LTD, FI
[85] 2018-08-02
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[25] EN
[54] **COPPER AND IRON CO-EXCHANGED CHABAZITE CATALYST**
[54] **CATALYSEUR DE CHABAZITE D'ECHANGE CONJOINT DE CUIVRE ET DE FER**
[72] PETROVIC, IVAN, US
[71] BASF CORPORATION, US
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[87] (WO2017/134581)
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[25] EN
[54] **METHOD FOR DETERMINING HELICOBACTER PYLORI**
[54] **PROCEDE DE DETECTION DE LA BACTERIE HELICOBACTER PYLORI**
[72] BASTIA, FILIPPO, IT
[71] THD S.P.A., IT
[85] 2018-08-02
[86] 2017-02-03 (PCT/IB2017/050611)
[87] (WO2017/134627)
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[25] EN
[54] **FLYWHEEL ENERGY STORAGE DEVICE AND METHOD OF ITS USE**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE DE VOLANT ET SON PROCEDE D'UTILISATION**
[72] NOVAK, MIROSLAV, SK
[71] NIORE IP, S.R.O., SK
[85] 2018-08-02
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION INCLUDING DORZOLAMIDE AND BRIMONIDINE**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DU DORZOLAMIDE ET DE LA BRIMONIDINE**
[72] UMEZAKI, SHINYA, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
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[54] **ANTIBODY AGAINST EGFRVIII AND USE THEREOF**
[54] **ANTICORPS ANTI-EGFRVIII ET UTILISATION CORRESPONDANTE**
[72] NAM, DO-HYUN, KR
[72] PARK, HYUNKYU, KR
[71] SAMSUNG LIFE PUBLIC WELFARE FOUNDATION, KR
[85] 2018-08-02
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[54] **TECHNIQUES FOR ACKNOWLEDGING SCHEDULING REQUEST TRANSMISSIONS ON A CONTENTION-BASED PHYSICAL UPLINK SHARED CHANNEL**
[54] **TECHNIQUES POUR ACCUSER RECEPTION DE TRANSMISSIONS DE DEMANDE D'ORDONNANCEMENT SUR UN CANAL PARTAGE DE LIAISON MONTANTE PHYSIQUE BASE SUR LA CONCURRENCE**
[72] PATEL, SHIMMAN ARVIND, US
[72] CHEN, WANSHI, US
[71] QUALCOMM INCORPORATED, US
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[54] **ELECTRO-OXYDATION A PRESSIONS ELEVEES**
[72] KUMFER, BRYAN J., US
[71] SIEMENS ENERGY, INC., US
[85] 2018-08-02
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[54] **METHOD OF DETERMINING THE STABILITY RESERVE AND SOLUBILITY PARAMETERS OF A PROCESS STREAM CONTAINING ASPHALTENES BY JOINT USE OF TURBIDIMETRIC METHOD AND REFRACTIVE INDEX**
[54] **PROCEDE DE DETERMINATION DE PARAMETRES DE STABILITE DE RESERVE ET DE SOLUBILITE D'UN FLUX DE TRAITEMENT CONTENANT DES ASPHALTENES PAR UTILISATION CONJOINTE D'UN PROCEDE DE TURBIDIMETRIE ET D'UN INDICE DE REFRACTION**
[72] RESPINI, MARCO, IT
[72] DELLA SALA, GIUSEPPE, GB
[72] SANDU, CORINA, US
[72] MEDINE, GAVIN MARK, NL
[72] PINAPPU, SAI REDDY, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **MICRO-STRUCTURED SURFACE WITH IMPROVED INSULATION AND CONDENSATION RESISTANCE**
[54] **SURFACE MICROSTRUCTUREE PRESENTANT UNE ISOLATION ET UNE RESISTANCE A LA CONDENSATION AMELIOREES**
[72] DARIN, NEIL EDWARD, US
[72] DEMBOWSKI, ALEXANDER RAYMOND, US
[72] HULSEMAN, RALPH ALLEN, US
[72] MCPHERSON, CAMERON, US
[71] HAVI GLOBAL SOLUTIONS, LLC, US
[85] 2018-08-02
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[25] EN
[54] **METHODS OF DIFFERENTIATING STEM CELL-DERIVED ECTODERMAL LINEAGE PRECURSORS**
[54] **PROCEDES DE DIFFERENCIATION DE PRECURSEURS DE LIGNEES ECTODERMIQUES DERIVES DE CELLULES SOUCHES**
[72] STUDER, LORENZ, US
[72] ZIMMER, BASTIAN, DE
[72] TCHIEU, JASON, US
[71] MEMORIAL SLOAN-KETERING CANCER CENTER, US
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[86] 2017-02-06 (PCT/US2017/016723)
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[30] US (62/292,014) 2016-02-05
[30] US (62/299,361) 2016-02-24
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[54] **CARBON DOTS FOR DIAGNOSTIC ANALYSIS AND DRUG DELIVERY**
[54] **POINTS DE CARBONE POUR UNE ANALYSE DIAGNOSTIQUE ET L'ADMINISTRATION DE MEDICAMENTS**
[72] LI, SHANGHAO, US
[72] LEBLANC, ROGER M., US
[72] SKROMNE, ISAAC, US
[72] PENG, ZHILI, US
[71] UNIVERSITY OF MIAMI, US
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[30] US (62/292,026) 2016-02-05

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[54] **ROTATIONAL MECHANICAL THROMBECTOMY DEVICE**
[54] **DISPOSITIF DE THROMBECTOMIE MECANIQUE ROTATIF**
[72] ROBERTSON, TAYLOR, US
[72] ROTH, BRIAN K., US
[72] TREXLER, WADE K., US
[72] BOHN, RICHARD E., US
[72] ROWE, DAVID, US
[72] DENLINGER, RODNEW WILMER, US
[72] SKELTON, EUGENE, IE
[72] WRIGHT, ANTHONY, IE
[72] BENSON, RONAN, IE
[71] TELEFLEX MEDICAL INCORPORATED, US
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[25] EN
[54] **SHOPPING CART AND ASSOCIATED SYSTEMS AND METHODS**
[54] **CHARIOT, ET SYSTEMES ET PROCEDES ASSOCIES**
[72] KRAUS, LARRY A., US
[72] WIND, ANTHONY G., US
[72] DUERKES, LAWRENCE J., US
[71] WALMART APOLLO, LLC, US
[85] 2018-08-02
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[51] **Int.Cl. A61M 1/00 (2006.01) A61B 90/00 (2016.01) A61B 17/00 (2006.01) A61F 9/007 (2006.01) A61M 3/02 (2006.01)**
[25] EN
[54] **TIP DETECTION APPARATUS AND METHOD FOR MEDICAL DEVICE**
[54] **APPAREIL ET PROCEDE DE DETECTION DE POINTE POUR DISPOSITIF MEDICAL**
[72] HICKEY, LAUREN, US
[72] LYNN, KYLE E., US
[72] STEENSTRA TOUSSAINT, JOHAN W., US
[72] LEE, FREDERICK C., US
[72] STAGGS, JAMES W., US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
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[30] US (62/293,283) 2016-02-09

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[25] EN
[54] **MODEL SYSTEM OF LIVER FIBROSIS AND METHOD OF MAKING AND USING THE SAME**
[54] **SYSTEME MODELE DE FIBROSE HEPATIQUE ET SON PROCEDE DE FABRICATION ET D'UTILISATION**
[72] MARINI, FRANK C., US
[72] SOKER, SHAY, US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
[85] 2018-08-02
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[54] **TOGGLE CONTROL FOR LIGHTING SYSTEM**
[54] **COMMANDE A BASCULE POUR SYSTEME D'ECLAIRAGE**
[72] YADAV, PRITAM, US
[72] WEEKS, WARREN T., JR, US
[72] HAMILTON, DOUGLAS M., US
[71] HUBBELL INCORPORATED, US
[85] 2018-08-02
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[30] US (62/293,619) 2016-02-10

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[25] EN
[54] **DYNAMIC MOTOR DRIVE FOR BATTERY OPERATED DEVICES**
[54] **ENTRAINEMENT PAR MOTEUR DYNAMIQUE POUR DISPOSITIFS ALIMENTES PAR BATTERIE**
[72] LOVEGREN, ERIC RUSSELL, US
[72] NELSON, RICHARD LOUIS, US
[71] ROSEMOUNT INC., US
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[25] EN
[54] **METHODS OF INCREASING HAIR GROWTH AND IMPROVING HAIR APPEARANCE**
[54] **PROCEDES POUR ACCROITRE LA POUSSE DES CHEVEUX ET AMELIORER L'ASPECT DES CHEVEUX**
[72] WILLIAMS, JONNIE R., US
[71] MYMD PHARMACEUTICALS, INC., US
[85] 2018-08-02
[86] 2017-02-13 (PCT/US2017/017641)
[87] (WO2017/142833)
[30] US (62/295,618) 2016-02-16

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[51] **Int.Cl. H01L 31/054 (2014.01) H01L 31/042 (2014.01)**
[25] EN
[54] **SOLAR PANEL WITH OPTICAL LIGHT ENHANCEMENT DEVICE**
[54] **PANNEAU SOLAIRE AVEC DISPOSITIF D'AMPLIFICATION DE LUMIERE OPTIQUE**
[72] TERMANINI, ZAFER, US
[71] JOINT INNOVATION TECHNOLOGY LLC, US
[85] 2018-08-02
[86] 2017-02-15 (PCT/US2017/017890)
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[30] US (15/055,635) 2016-02-29

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[25] EN
[54] **THE USE OF A HEMOCOMPATIBLE POROUS POLYMER BEAD SORBENT FOR REMOVAL OF PAMPS AND DAMPS**
[54] **UTILISATION D'UN SORBANT DE TYPE PERLE DE POLYMERE POREUX HEMOCOMPATIBLE PERMETTANT L'ELIMINATION DES MOLECULES A MOTIFS MOLECULAIRES ASSOCIES A DES AGENTS PATHOGENES (PAMP) ET MOLECULES A MOTIFS MOLECULAIRES ASSOCIES A DES LESIONS (DAMP)**
[72] GRUDA, MARYANN, US
[72] O'SULLIVAN, PAMELA, US
[72] GULIASHVILI, TAMAZ, US
[72] SCHEIRER, ANDREW, US
[72] GOLOBISH, THOMAS, US
[72] CAPPONI, VINCENT, US
[72] CHAN, PHILLIP, US
[71] CYTOSORBENTS CORPORATION, US
[85] 2018-08-02
[86] 2017-02-17 (PCT/US2017/018249)
[87] (WO2017/155677)
[30] US (62/305,382) 2016-03-08

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[51] **Int.Cl. C07K 14/005 (2006.01)**
[25] EN
[54] **HIGH THROUGHPUT ASSAY FOR MEASURING ADENOVIRUS REPLICATION KINETICS**
[54] **DOSAGE A HAUT DEBIT POUR MESURER LA CINETIQUE DE REPLICATION D'UN ADENOVIRUS**
[72] O'SHEA, CLODAGH, US
[72] PARTLO, WILLIAM, US
[72] POWERS, COLIN, US
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[85] 2018-08-02
[86] 2017-02-23 (PCT/US2017/019082)
[87] (WO2017/147265)
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[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATED PRESSURE INTEGRITY TESTING (APIT)**
[54] **PROCEDE ET APPAREIL POUR ESSAI D'INTEGRITE DE PRESSION AUTOMATISE (APIT)**
[72] ISLAM, MD AMINUL, NO
[72] HELSTRUP, OLE ANDERS, NO
[72] SKADSEM, HANS JOAKIM, NO
[72] MOI, SONJA, NO
[72] CARLSEN, LIV ALMAS, NO
[71] EQUINOR ENERGY AS, NO
[85] 2018-07-18
[86] 2017-01-18 (PCT/NO2017/050015)
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[30] GB (1600897.1) 2016-01-18

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[51] **Int.Cl. C12N 15/86 (2006.01)**
[25] EN
[54] **EXOGENOUS GENE EXPRESSION IN THERAPEUTIC ADENOVIRUS FOR MINIMAL IMPACT ON VIRAL KINETICS**
[54] **EXPRESSION DE GENES EXOGENES DANS UN ADENOVIRUS THERAPEUTIQUE POUR UN EFFET MINIMAL SUR LA CINETIQUE VIRALE**
[72] O'SHEA, CLODAGH, US
[72] PARTLO, WILLIAM, US
[72] POWERS, COLIN, US
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[85] 2018-08-02
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[25] EN
[54] **POINT OF SERVICE USER IDENTIFICATION**
[54] **IDENTIFICATION D'UTILISATEUR DE POINT DE SERVICE**
[72] HAGHNEGAHDAR, POYA, CA
[72] HAGHNEGAHDAR, ALIREZA, CA
[72] MAHMOUDZADEHVAZIFEH, EHSAN, CA
[72] MAHMOUDZADEHVAZIFEH, MOHAMMAD, CA
[71] FIND INNOVATION LABS INC., CA
[85] 2018-08-02
[86] 2017-02-17 (PCT/US2017/018476)
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[25] EN
[54] **TILE LEVELLING CLIP AND SYSTEM**
[54] **CLIP ET SYSTEME DE NIVELLEMENT DE CARREAUX**
[72] PAPADATOS, KOSTA, AU
[71] CLIK TILE SYSTEM PTY LTD, AU
[85] 2018-08-03
[86] 2017-02-17 (PCT/AU2017/000047)
[87] (WO2017/139832)
[30] AU (2016900556) 2016-02-17

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[51] **Int.Cl. H04W 12/08 (2009.01) H04W 12/06 (2009.01) H04W 36/00 (2009.01) H04W 36/14 (2009.01) H04W 84/04 (2009.01)**
[25] EN
[54] **WWAN-WLAN AGGREGATION SECURITY**
[54] **SECURITE D'AGREGATION WWAN-WLAN**
[72] PALANIGOUNDER, ANAND, US
[72] MALINEN, JOUNI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-02
[86] 2017-02-23 (PCT/US2017/019203)
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[30] US (62/305,770) 2016-03-09
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[51] **Int.Cl. F27B 9/24 (2006.01) B23K 1/018 (2006.01) C22B 7/00 (2006.01) C22B 13/00 (2006.01) C22B 15/00 (2006.01) C22B 25/00 (2006.01)**
[25] EN
[54] **A METHOD, APPARATUS AND SYSTEM FOR PROCESSING A COMPOSITE WASTE SOURCE**
[54] **PROCEDE, APPAREIL ET SYSTEME DE TRAITEMENT D'UNE SOURCE DE DECHETS COMPOSITES**
[72] SAHAJWALLA, VEENA, AU
[71] NEWSOUTH INNOVATIONS PTY LIMITED, AU
[85] 2018-08-03
[86] 2017-02-08 (PCT/AU2017/050098)
[87] (WO2017/136881)
[30] US (62/388,851) 2016-02-08

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[51] **Int.Cl. B62J 1/00 (2006.01) B62J 1/02 (2006.01)**
[25] EN
[54] **BICYCLE SADDLE**
[54] **SELLE DE BICYCLETTE**
[72] BOWKER, CRAIG, AU
[71] PARADIGM INDUSTRIES AUSTRALIA PTY LTD, AU
[85] 2018-07-31
[86] 2017-01-20 (PCT/AU2017/050045)
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[25] EN
[54] **METHOD FOR IDENTIFYING HIGH-RISK AML PATIENTS**
[54] **PROCEDE D'IDENTIFICATION DE PATIENTS A HAUT RISQUE SOUFFRANT DE LAM**
[72] WANG, JEAN, CA
[72] DICK, JOHN E., CA
[72] NG, STANLEY, CA
[72] MINDEN, MARK, CA
[72] MITCHELL, AMANDA, CA
[72] CHEN, WEIHSU CLAIRE, CA
[72] ZANDSTRA, PETER, CA
[72] KENNEDY, JAMES, US
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2018-08-03
[86] 2017-02-06 (PCT/CA2017/000025)
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[30] US (62,292,254) 2016-02-06
[30] US (62,348,365) 2016-06-10
[30] US (62/426,300) 2016-11-24
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[51] **Int.Cl. G06Q 50/22 (2018.01) E05B 39/00 (2006.01) E05B 47/00 (2006.01) E05B 73/00 (2006.01) G07C 9/00 (2006.01)**
[25] EN
[54] **RELAY BOX**
[54] **BOITE DE RELAIS**
[72] FOOT, JOHN, US
[72] NEWBY, PAUL, US
[72] CHANG, JEFF, US
[71] OMNICELL, INC., US
[85] 2018-08-02
[86] 2017-02-03 (PCT/US2017/016374)
[87] (WO2017/139188)
[30] US (15/019,802) 2016-02-09

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[51] **Int.Cl. C07C 315/06 (2006.01) C07C 317/44 (2006.01) A61K 31/155 (2006.01)**
[25] EN
[54] **CRYSTALLINE MODIFICATIONS OF N-(4,5-BISMETHANESULFONYL-2-METHYLBENZOYL)GUANIDINE HYDROCHLORIDE AND N-(4,5-BISMETHANESULFONYL-2-METHYLBENZOYL)GUANIDINE SALTS**
[54] **MODIFICATIONS CRISTALLINES DE CHLORHYDRATE DE N-(4,5-BISMETHANESULFONYL-2-METHYLBENZOYL) GUANIDINE ET SELS DE N-(4,5-BISMETHANESULFONYL-2-METHYLBENZOYL) GUANIDINE**
[72] BECKER, AXEL, DE
[72] GALLON, GILMARY, FR
[72] SAAL, CHRISTOPH, DE
[72] KUEHN, CLEMENS, DE
[71] MERCK PATENT GMBH, DE
[85] 2018-08-03
[86] 2017-01-27 (PCT/EP2017/000102)
[87] (WO2017/137147)
[30] EP (16154672.6) 2016-02-08

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[51] **Int.Cl. A61F 5/56 (2006.01) A61K 9/70 (2006.01) A61K 33/34 (2006.01)**
[25] EN
[54] **ANTI-SLEEP DISORDER ARTICLE**
[54] **ARTICLE CONTRE LES TROUBLES DU SOMMEIL**
[72] PATEL, BIREN, CA
[71] FINE COTTON FACTORY INC., CA
[85] 2018-08-03
[86] 2017-02-03 (PCT/CA2017/050124)
[87] (WO2017/136923)
[30] US (62/291,604) 2016-02-05

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[51] **Int.Cl. A61K 31/454 (2006.01)**
[25] EN
[54] **RAPADOCINS, INHIBITORS OF EQUILIBRATIVE NUCLEOSIDE TRANSPORTER 1 AND USES THEREOF**
[54] **RAPADOCINS, INHIBITEURS DU TRANSPORTEUR EQUILIBRANT 1 DES NUCLEOSIDES ET LEURS UTILISATIONS**
[72] LIU, JUN, US
[72] WANG, JINGXIN, US
[72] SUN, ZHAOLI, US
[72] HONG, SAM, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-08-02
[86] 2017-02-03 (PCT/US2017/016494)
[87] (WO2017/136717)
[30] US (62/291,428) 2016-02-04

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[51] **Int.Cl. H01M 10/42 (2006.01) B60L 3/12 (2006.01) B60L 11/18 (2006.01) G01R 31/36 (2006.01) H01M 10/48 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **SERVICE LIFE CONTROL FOR ENERGY STORES**
[54] **COMMANDE DE DUREE DE VIE D'UN ACCUMULATEUR D'ENERGIE**
[72] RUPPERT, SWEN, DE
[72] HOLL, EUGEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-08-03
[86] 2017-01-26 (PCT/EP2017/051648)
[87] (WO2017/137263)
[30] EP (16154678.3) 2016-02-08

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[51] **Int.Cl. H04W 48/14 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **TERMINAL APPARATUS, BASE STATION APPARATUS, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT**
[54] **DISPOSITIF TERMINAL, DISPOSITIF STATION DE BASE, PROCEDE DE COMMUNICATIONS, ET CIRCUIT INTEGRE**
[72] SUZUKI, SHOICHI, JP
[72] AIBA, TATSUSHI, JP
[72] OHUCHI, WATARU, JP
[72] HAYASHI, TAKASHI, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-08-02
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[87] (WO2017/135052)
[30] JP (2016-019541) 2016-02-04

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[51] **Int.Cl. B01D 27/14 (2006.01) B01D 27/04 (2006.01) B01D 27/08 (2006.01)**
[25] EN
[54] **A MODULAR FILTRATION PLATFORM**
[54] **PLATEFORME DE FILTRATION MODULAIRE**
[72] FOIX, LORI, US
[72] SHERMAN, MICHAEL J., US
[72] WILSON, STEVE, US
[72] LARSON, JAMES B., US
[72] KLIMPEL, ERIK, US
[72] KIRCHNER, RICHARD A., US
[72] TOUSLEY, CHAD, US
[72] HAEHN, STEVEN, US
[72] EHLERS, JEFF, US
[71] KX TECHNOLOGIES LLC, US
[85] 2018-08-02
[86] 2017-03-09 (PCT/US2017/021580)
[87] (WO2017/156277)
[30] US (62/306,870) 2016-03-11
[30] US (15/427,657) 2017-02-08

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[51] **Int.Cl. H04N 19/52 (2014.01)**
[25] EN
[54] **IMAGE ENCODING METHOD AND APPARATUS, AND IMAGE DECODING METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**
[72] CHEN, HUANBANG, CN
[72] LIN, SIXIN, CN
[72] YANG, HAITAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-08-03
[86] 2016-09-08 (PCT/CN2016/098403)
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[30] CN (201610081070.3) 2016-02-06

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[51] **Int.Cl. A61B 5/1455 (2006.01) A61B 6/00 (2006.01) A61N 1/05 (2006.01) A61N 1/372 (2006.01) A61N 1/375 (2006.01) A61N 1/39 (2006.01)**
[25] EN
[54] **INTRA-BODY COMMUNICATION METHOD FOR IMPLANTED AND NON-IMPLANTED BIOSENSORS OR DEVICES**
[54] **PROCEDE DE COMMUNICATION INTRACORPORELLE POUR BIOCAPTEURS OU DISPOSITIFS IMPLANTES ET NON IMPLANTES**
[72] ROSERO, SPENCER Z., US
[72] RADER, WILLIAM K., US
[71] EFFERENT LABS, INC., US
[85] 2018-08-02
[86] 2017-02-03 (PCT/US2017/016601)
[87] (WO2017/136790)
[30] US (62/291,763) 2016-02-05

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[51] **Int.Cl. H04N 19/88 (2014.01) H04N 19/132 (2014.01) H04N 19/146 (2014.01) H04N 19/174 (2014.01) H04N 19/46 (2014.01)**
[25] EN
[54] **CONCEPT FOR PICTURE/VIDEO DATA STREAMS ALLOWING EFFICIENT REDUCIBILITY OR EFFICIENT RANDOM ACCESS**
[54] **CONCEPT POUR DES FLUX DE DONNEES IMAGES/VIDEO PERMETTANT UNE REDUCTION EFFICACE OU UN ACCES ALEATOIRE EFFICACE**
[72] SKUPIN, ROBERT, DE
[72] SANCHEZ, YAGO, DE
[72] SCHIERL, THOMAS, DE
[72] HELLGE, CORNELIUS, DE
[72] GRUENEBERG, KARSTEN, DE
[72] WIEGAND, THOMAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2018-08-03
[86] 2017-02-08 (PCT/EP2017/052769)
[87] (WO2017/137444)
[30] EP (16154947.2) 2016-02-09

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[51] **Int.Cl. B01D 46/00 (2006.01) B01D 46/42 (2006.01)**
[25] EN
[54] **PANEL FILTER WITH MOLDED FRAME AND INTEGRAL SEAL**
[54] **PANNEAU FILTRANT AVEC CADRE MOULE ET JOINT INTEGRE**
[72] HAAS, DANIEL R., US
[72] CRABTREE, LAMONTE A., US
[72] FANCHER, HERSHEL E., US
[71] CLARCOR AIR FILTRATION PRODUCTS, INC., US
[85] 2018-08-02
[86] 2017-02-07 (PCT/US2017/016832)
[87] (WO2017/139268)
[30] US (62/293,227) 2016-02-09

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[51] **Int.Cl. B01L 3/00 (2006.01) A61K 35/12 (2015.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PREPARING PROTEIN ENHANCED SERUMS**
[54] **SYSTEMES ET PROCEDES DE PREPARATION DE SERUMS ENRICHIS EN PROTEINES**
[72] BARE, CHRISTOPHER, US
[72] NABORS, ABIGAIL, US
[72] TUCKER, MELISSA, US
[72] HARRISON, ROBERT, US
[71] ARTHREX, INC., US
[85] 2018-08-02
[86] 2017-03-10 (PCT/US2017/021757)
[87] (WO2017/156379)
[30] US (62/306,297) 2016-03-10

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[13] A1
[51] **Int.Cl. A61M 1/06 (2006.01)**
[25] EN
[54] **BREAST PUMP ASSEMBLY AND METHODS**
[54] **ENSEMBLE TIRE-LAIT ET PROCEDES**
[72] CHANG, JOHN, US
[72] MAKOWER, JOSHUA, US
[72] MASON, BRIAN, US
[72] CO, FRED, US
[72] CALMER, MATHEW, US
[72] SABET, ARASH, US
[71] EXPLORAMED NC7, INC., US
[85] 2018-08-02
[86] 2017-02-09 (PCT/US2017/017112)
[87] (WO2017/139437)
[30] US (62/293,480) 2016-02-10
[30] US (62/421,263) 2016-11-12
[30] US (62/442,008) 2017-01-04
[30] US (62/450,528) 2017-01-25

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[13] A1
[51] **Int.Cl. C10L 1/02 (2006.01) C10L 1/233 (2006.01) C10L 10/10 (2006.01)**
[25] EN
[54] **ADDITISING A FUEL**
[54] **ADDITIVATION DE CARBURANT**
[72] ALI, RANA, GB
[72] FILIP, SORIN VASILE, GB
[72] MACEY, BRIAN EDWARD, GB
[72] ROGERSON, JOHN STUART, GB
[71] BP OIL INTERNATIONAL LIMITED, GB
[85] 2018-08-03
[86] 2017-02-09 (PCT/EP2017/052926)
[87] (WO2017/137516)
[30] EP (16155208.8) 2016-02-11

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[51] **Int.Cl. C07K 14/755 (2006.01) B01D 15/38 (2006.01) C07K 16/36 (2006.01)**
[25] EN
[54] **METHOD OF SEPARATING FACTOR VIII FROM BLOOD PRODUCTS**
[54] **PROCEDE DE SEPARATION DE FACTEUR VIII A PARTIR DE PRODUITS SANGUINS**
[72] WINGE, STEFAN, SE
[72] ROSEN, PER, SE
[72] SCHEEPERS, ALEX, SE
[71] OCTAPHARMA AG, CH
[85] 2018-08-03
[86] 2017-02-10 (PCT/EP2017/053045)
[87] (WO2017/137583)
[30] EP (16155199.9) 2016-02-11

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[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **FEMALE PART, RETAINING DEVICE AND PIN SYSTEM FOR EXCAVATORS AND THE LIKE**
[54] **PARTIE FEMELLE, DISPOSITIF DE RETENUE ET SYSTEME DE BROCHE POUR EXCAVATRICES ET SIMILAIRES**
[72] ORTIZ GARCIA, JUSTO JESUS, ES
[72] TUTO, JOAN, ES
[72] PEREZ SORIA, FRANCISCO, ES
[72] TRIGINER BOIXEDA, JORGE, ES
[72] GIMENO TORDERA, ALBERT, ES
[71] METALOGENIA RESEARCH & TECHNOLOGIES S.L., ES
[85] 2018-08-03
[86] 2017-02-13 (PCT/EP2017/053127)
[87] (WO2017/137619)
[30] EP (16382058.2) 2016-02-12

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[51] **Int.Cl. C25B 1/00 (2006.01) C02F 1/461 (2006.01) C02F 1/467 (2006.01) C25B 1/04 (2006.01) C25B 9/18 (2006.01)**
[25] EN
[54] **PORTABLE ELECTROLYZING SYSTEM**
[54] **SYSTEME D'ELECTROLYSE PORTATIF**
[72] MOYER, JAMES L., US
[72] SWARTZ, JAMES B., US
[72] HAZELWOOD, JOHN, US
[72] SHANE, KEVIN, US
[72] THORPE, JULIE, US
[71] SPRAYING SYSTEMS CO., US
[85] 2018-08-02
[86] 2017-03-10 (PCT/US2017/021885)
[87] (WO2017/156445)
[30] US (62/307,002) 2016-03-11

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[13] A1
[51] **Int.Cl. H02K 5/15 (2006.01) H02K 11/33 (2016.01)**
[25] EN
[54] **MOTOR ASSEMBLY FOR DRIVING A PUMP OR ROTARY DEVICE, HAVING POWER PLANE WITH MULTI-LAYER POWER AND CONTROL PRINTED CIRCUIT BOARD ASSEMBLY**
[54] **ENSEMBLE MOTEUR PERMETTANT L'ACTIONNEMENT D'UNE POMPE OU D'UN DISPOSITIF ROTATIF, COMPORTANT UN PLAN DE PUISSANCE DOTE D'UNE CARTE DE CIRCUIT IMPRIME DE COMMANDE ET DE PUISSANCE MULTICOUCHE**
[72] WILLIAMS, DEAN P., US
[72] PLAYFORD, MARK A., US
[72] KERNAN, DANIEL J., US
[72] EMPRINGHAM, LEE, GB
[72] DE LILLO, LILIANA V., GB
[72] TIGHE, CHRISTOPHER J.F., GB
[71] ITT MANUFACTURING ENTERPRISES LLC, US
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[54] **USE OF STIRIPENTOL AND THEIR DERIVATIVES FOR DECREASING URINARY OXALATE CONCENTRATION IN AN INDIVIDUAL**
[54] **UTILISATION DE STIRIPENTOL ET DE SES DERIVES POUR DIMINUER LA CONCENTRATION D'OXALATE URINAIRE CHEZ UN INDIVIDU**
[72] LETAVERNIER, EMMANUEL, FR
[72] DAUDON, MICHEL, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[71] SORBONNE UNIVERSITE, FR
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[30] EP (16305173.3) 2016-02-15
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[25] EN
[54] **MEASURING HARVESTED ENERGY USING AN ULTRA-LOW DUTY CYCLE MEASUREMENT SYSTEM**
[54] **MESURE D'ENERGIE RECUPEREE A L'AIDE D'UN SYSTEME DE MESURE A FACTEUR D'UTILISATION ULTRA-FAIBLE**
[72] BRYLA, MARK, US
[72] LORELLO, MICHAEL, US
[72] WREN, JOHN C., US
[71] SARGENT MANUFACTURING COMPANY, US
[85] 2018-08-02
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[25] EN
[54] **ASSAY FOR DETERMINING THE TOTAL CARBONYLATION LEVEL ON A POLYPEPTIDE**
[54] **ESSAI POUR DETERMINER LE NIVEAU DE CARBONYLATION TOTALE SUR UN POLYPEPTIDE**
[72] MAH, ANNA, US
[72] YANG, YI, US
[72] GAO, DI, US
[72] GENNARO, LYNN A., US
[72] SCHOENEICH, CHRISTIAN, US
[71] GENENTECH, INC., US
[71] UNIVERSITY OF KANSAS, US
[85] 2018-08-02
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[25] FR
[54] **DEVICE FOR MEASURING A FORCE**
[54] **DISPOSITIF DE MESURE D'UNE FORCE**
[72] HOGREL, JEAN-YVES, FR
[71] ASSOCIATION INSTITUT DE MYOLOGIE, FR
[85] 2018-08-03
[86] 2017-02-15 (PCT/EP2017/053428)
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[54] **NOZZLE CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE BUSE**
[72] KOCER, JARED ERNEST, US
[72] MICHAEL, NICHOLAS O., US
[72] PREHEIM, JOHN D., US
[72] DRIESEN, BRENT A., US
[71] RAVEN INDUSTRIES, INC., US
[85] 2018-08-02
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[51] **Int.Cl. B64D 11/06 (2006.01) B60N 2/64 (2006.01)**
[25] EN
[54] **PASSENGER SEAT HAVING SIDE SLEEP SUPPORT ASSEMBLY**
[54] **SIEGE POUR PASSAGER AYANT UN ENSEMBLE SUPPORT LATERAL POUR LE SOMMEIL**
[72] UDRISTE, DANIEL L., US
[72] BUNEA, CATALIN, US
[72] LAWSON, BOBBY W., US
[71] B/E AEROSPACE, INC., US
[85] 2018-08-02
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[25] EN
[54] **METHOD AND INSTALLATION FOR OBTAINING AN ETHYLENE PRODUCT IN A SUPERCRITICAL STATE**
[54] **PROCEDE ET INSTALLATION POUR L'OBTENTION D'UN PRODUIT D'ETHYLENE A L'ETAT SUPERCRITIQUE**
[72] HOFEL, TORBEN, DE
[72] KAMANN, MARTIN, DE
[72] SCHOLCH, MICHAEL, DE
[72] MCCRACKEN, SEAN, DE
[72] KUNKEL, JOSEF, DE
[72] KRACKER-SEMLER, GUNTHER, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **NON-AQUEOUS TOPICAL COMPOSITIONS COMPRISING A HALOGENATED SALICYLANILIDE**
[54] **COMPOSITIONS TOPIQUES NON AQUEUSES COMPRENANT UN SALICYLANILIDE HALOGENE**
[72] SOMMER, MORTEN OTTO ALEXANDER, DK
[72] LI, PING, DK
[72] FRANDSEN, CAMILLA HASLING, DK
[72] NIELSEN, HANNE MORCK, DK
[72] PRIEMEL, PETRA ALEXANDRA, DK
[72] RADES, THOMAS, DK
[71] ANTIBIOTX A/S, DK
[71] KOBENHAVNS UNIVERSITET(UNIVERSITY OF COPENHAGEN), DK
[85] 2018-07-31
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[25] EN
[54] **METHOD AND APPARATUS FOR CENTRIFUGAL CONCENTRATION USING VIBRATORY SURFACES AND ROTOR BOWL FOR USE THEREIN**
[54] **PROCEDE ET APPAREIL POUR CONCENTRATION CENTRIFUGE AU MOYEN DE SURFACES VIBRANTES ET COUPELLE DE ROTOR POUR UTILISATION ASSOCIEE**
[72] MCALISTER, STEVEN ALEXANDER, CA
[72] BOEHNKE, JONAS HENDRIK, CA
[71] SEPRO MINERAL SYSTEMS CORP., CA
[85] 2018-08-03
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[25] EN
[54] **USE OF DIPA-ESTERQUAT DEBONDER FOR TISSUE AND FLUFF PULP MANUFACTURING**
[54] **UTILISATION DE DELIANT DE DIPA-ESTERQUAT POUR LA FABRICATION DE TISSU ET DE PATE DEFIBREE**
[72] LEWIS, DEBORAH, US
[72] PEGGAU, JORG, DE
[72] PREVIS, DAVID, US
[71] EVONIK DEGUSSA GMBH, DE
[85] 2018-08-03
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[25] EN
[54] **COLOSTOMY OR ILEOSTOMY BAG CLEANING SYSTEM**
[54] **SYSTEME DE NETTOYAGE DE POCHE POUR COLOSTOMIE OU ILEOSTOMIE**
[72] VAN DER SPUY, WILLEM DANIEL, ZA
[71] LAZARUS CARE INTERNATIONAL LIMITED, GB
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[25] EN
[54] **ANTIBODY-DRUG CONJUGATES TARGETING UPARAP**
[54] **CONJUGUES ANTICORPS-MEDICAMENT CIBLANT LA PROTEINE UPARAP**
[72] NIELSEN, CHRISTOFFER, DK
[72] BEHRENDT, NIELS, DK
[72] ENGELHOLM, LARS HENNING, DK
[71] RIGSHOSPITALET, DK
[71] THE UNIVERSITY OF COPENHAGEN, DK
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[25] EN
[54] **RECREATIONAL VEHICLE GROUP MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE GROUPES DE VEHICULES DE LOISIRS**
[72] RENTZ, GRAY L., US
[72] KOOSMANN, ADAM C., US
[72] GOOD, NATHAN A., US
[72] LARSON, JACOB H., US
[72] DEITZ, REBECCA C., US
[71] POLARIS INDUSTRIES INC., US
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[86] 2017-02-09 (PCT/US2017/017122)
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[51] **Int.Cl. G06F 9/50 (2006.01)**
[25] EN
[54] **DATA FLOW PROCESSING METHOD AND APPARATUS, AND SYSTEM**
[54] **PROCEDE, APPAREIL ET SYSTEME DE TRAITEMENT DE FLUX DE DONNEES**
[72] GAO, XIONG, CN
[72] WU, JIE, CN
[72] LI, BAOSONG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-08-03
[86] 2017-01-25 (PCT/CN2017/072644)
[87] (WO2017/133623)
[30] CN (201610082701.3) 2016-02-05
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[25] EN
[54] **MYO1 A FOR PREDICTING CONVERSION OF ACUTE PAIN INTO CHRONIC PAIN AND USEOF MYO1 A FOR THERAPY OF PAIN**
[54] **MYO1A POUR LA PREDICTION DE LA CONVERSION DE LA DOULEUR AIGUE EN DOULEUR CHRONIQUE ET UTILISATION DE MYO1A POUR LE TRAITEMENT DE LA DOULEUR**
[72] MOQRICH, ABDELAZIZ, FR
[71] UNIVERSITE D'AIX-MARSEILLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2018-08-03
[86] 2017-03-07 (PCT/EP2017/055354)
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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **TLR7 AGONIST MALEATE SALT, CRYSTALLINE FORMS C, D AND E THEREOF, PREPARATION METHODS AND USES OF MALEATE SALT AND CRYSTALLINE FORMS**
[54] **SEL DE MALEATE D'AGONISTE DU TLR7, FORMES CRISTALLINES C, D ET E DE CELUI-CI, PROCEDES DE PREPARATION ET UTILISATIONS DU SEL DE MALEATE ET DE SES FORMES CRISTALLINES**
[72] DING, ZHAOZHONG, CN
[72] SUN, FEI, CN
[72] HU, YINGHU, CN
[72] ZHOU, YILONG, CN
[72] WANG, ZHENG, CN
[72] YANG, LING, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2018-08-03
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[25] EN
[54] **OLIGONUCLEOTIDES FOR REDUCTION OF PD-L1 EXPRESSION**
[54] **OLIGONUCLEOTIDES DESTINES A LA REDUCTION DE L'EXPRESSION DE PD-L1**
[72] PEDERSEN, LYKKE, DK
[72] JAVANBAKHT, HASSAN, CH
[72] JACKEROTT, MALENE, DK
[72] OTTOSEN, SOREN, DK
[72] LUANGSAY, SOUPHALONE, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
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[86] 2017-03-14 (PCT/EP2017/055925)
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[25] EN
[54] **METHOD FOR OBTAINING DATA RELATING TO THE ELASTICITY OF MATERIALS, USING TORSIONAL WAVES**
[54] **PROCEDE D'OBTENTION DE DONNEES RELATIVES A L'ELASTICITE DE MATERIAUX FAISANT INTERVENIR DES ONDES DE TORSION**
[72] RUS CALBORG, GUILLERMO, ES
[72] MELCHOR RODRIGUEZ, JUAN MANUEL, ES
[72] MASSO GUIJARRO, PALOMA, ES
[71] UNIVERSIDAD DE GRANADA, ES
[85] 2018-08-03
[86] 2017-02-06 (PCT/ES2017/070065)
[87] (WO2017/134327)
[30] ES (P201630123) 2016-02-04

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[25] EN
[54] **PTPS-BASED VACCINES AGAINST CANCER**
[54] **VACCINS A BASE DE PIONEER TRANSLATION PRODUCTS (PTP) CONTRE LE CANCER**
[72] APCHER, SEBASTIEN, FR
[72] FAHRAEUS, ROBIN, FR
[72] YAMAZAKI, TAKAHIRO, FR
[72] PIERSON, ALISON, FR
[72] BOULPICANTE, MATHILDE, FR
[71] INSTITUT GUSTAVE ROUSSY, FR
[85] 2018-08-03
[86] 2017-03-03 (PCT/EP2017/055004)
[87] (WO2017/149118)
[30] EP (16305243.4) 2016-03-03

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[51] **Int.Cl. H01L 41/08 (2006.01) B06B 1/06 (2006.01) G01H 11/08 (2006.01)**
[25] EN
[54] **PIEZOELECTRIC TRANSDUCERS**
[54] **TRANSDUCTEURS PIEZOELECTRIQUES**
[72] STEVENSON, TIMOTHY JAMES, GB
[72] COMYN, TIMOTHY PAUL ALISTAIR, GB
[71] IONIX ADVANCED TECHNOLOGIES LTD, GB
[85] 2018-08-03
[86] 2016-02-05 (PCT/GB2016/050270)
[87] (WO2016/124941)
[30] GB (1501923.5) 2015-02-05

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[51] **Int.Cl. H04L 9/08 (2006.01) G06F 21/62 (2013.01) H04L 9/32 (2006.01)**
[25] EN
[54] **A METHOD OF DATA TRANSFER, A METHOD OF CONTROLLING USE OF DATA AND A CRYPTOGRAPHIC DEVICE**
[54] **PROCEDE DE TRANSFERT DE DONNEES, PROCEDE DE COMMANDE DE L'UTILISATION DE DONNEES ET DISPOSITIF CRYPTOGRAPHIQUE**
[72] BYGRAVE, IAN, GB
[72] EDGINGTON, ALEC, GB
[72] KETTLEWELL, RICHARD, GB
[72] O'DOHERTY, DAVID, GB
[72] SMITH, NICHOLAS, GB
[72] WALKER, NEIL, GB
[71] THALES HOLDINGS UK PLC, GB
[85] 2018-08-03
[86] 2017-02-03 (PCT/GB2017/050264)
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[30] GB (1602088.5) 2016-02-05

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[13] A1
[51] **Int.Cl. G02C 7/10 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING A VALUE QUANTIFYING THE EFFECT OF AN OPTICAL FILTER ON A PARAMETER LINKED TO AN EYE**
[54] **PROCEDE DE DETERMINATION D'UNE VALEUR DE QUANTIFICATION DE L'EFFET D'UN FILTRE OPTIQUE SUR UN PARAMETRE LIE A UN □IL**
[72] BARRAU, CORALIE, FR
[71] ESSILOR INTERNATIONAL, FR
[85] 2018-08-03
[86] 2017-03-03 (PCT/EP2017/055054)
[87] (WO2017/149140)
[30] EP (16158842.1) 2016-03-04

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[51] **Int.Cl. B24B 3/00 (2006.01) A63C 3/10 (2006.01) B24D 15/06 (2006.01)**
[25] EN
[54] **POLISHING APPARATUS**
[54] **APPAREIL DE POLISSAGE**
[72] HISTED, JONATHAN ROSSER, GB
[72] COCKER, ROBIN CRAIG, GB
[72] MUTTI, PAUL CHRISTOPHER EDWARD, GB
[71] JRC INNOVATION LIMITED, GB
[85] 2018-08-03
[86] 2017-02-03 (PCT/GB2017/050279)
[87] (WO2017/134458)
[30] GB (1602164.4) 2016-02-05

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[51] **Int.Cl. C25C 1/00 (2006.01) C25C 1/12 (2006.01) C25C 7/02 (2006.01)**
[25] EN
[54] **ELECTRODE STRUCTURE PROVIDED WITH RESISTORS**
[54] **STRUCTURE D'ELECTRODE POURVUE DE RESISTANCES**
[72] FIORUCCI, ALESSANDRO, IT
[72] PEREGO, MICHELE, IT
[72] PERRONE, PAOLO, IT
[72] MOJANA, CORRADO, IT
[71] INDUSTRIE DE NORA S.P.A., IT
[85] 2018-08-03
[86] 2017-03-08 (PCT/EP2017/055476)
[87] (WO2017/153489)
[30] IT (102016000024365) 2016-03-09
[30] IT (102016000083106) 2016-08-05

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[51] **Int.Cl. G01N 21/01 (2006.01) G01N 15/05 (2006.01) G01N 21/17 (2006.01)**
[25] EN
[54] **ANALYTE SYSTEM AND METHOD FOR DETERMINING HEMOGLOBIN PARAMETERS IN WHOLE BLOOD**
[54] **SYSTEME D'ANALYTE ET PROCEDE DE DETERMINATION DE PARAMETRES DE L'HEMOGLOBINE DANS LE SANG TOTAL**
[72] CAFFERTY, MICHAEL, US
[72] CIONEK, SCOTT P., US
[71] NOVA BIOMEDICAL CORPORATION, US
[85] 2018-08-03
[86] 2016-02-04 (PCT/US2016/016560)
[87] (WO2017/135952)

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[13] A1
[51] **Int.Cl. G01F 23/292 (2006.01)**
[25] EN
[54] **A METHOD AND A SYSTEM FOR ASSESSING THE AMOUNT OF CONTENT STORED WITHIN A CONTAINER**
[54] **PROCEDE ET SYSTEME POUR EVALUER LA QUANTITE DE CONTENU STOCKE DANS UN RECIPIENT**
[72] GELADA CAMPS, JAUME, ES
[72] FARRES BERENGUER, ESTEVE, ES
[72] RABA SANCHEZ, DAVID, ES
[72] HAUPT GIRO, MARC-ARNOLD, ES
[72] GURT PLA, SALVADOR, ES
[71] UBIKWA SYSTEMS, SLU, ES
[85] 2018-08-03
[86] 2017-02-13 (PCT/IB2017/000104)
[87] (WO2017/137832)
[30] EP (16000340.6) 2016-02-11

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[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/4245 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **5-ETHYL-4-METHYL-PYRAZOLE-3-CARBOXAMIDE DERIVATIVE HAVING ACTIVITY AS AGONIST OF TAAR**
[54] **DERIVE DE 5-ETHYL-4-METHYL-PYRAZOLE-3-CARBOXAMIDE AYANT UNE ACTIVITE EN TANT QU'AGONISTE DE TAAR**
[72] GALLEY, GUIDO, CH
[72] HOENER, MARIUS, CH
[72] NORCROSS, ROGER, CH
[72] PFLIEGER, PHILIPPE, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-08-03
[86] 2017-03-14 (PCT/EP2017/055885)
[87] (WO2017/157873)
[30] EP (16160790.8) 2016-03-17

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[51] **Int.Cl. A61C 13/00 (2006.01)**
[25] EN
[54] **INTRAORAL SCANNING DEVICE FOR DIGITALLY RECORDING THE POSITION OF A DENTAL IMPLANT BY MEANS OF A SCANNER**
[54] **DISPOSITIF DE SCANNAGE INTRAORAL POUR L'ENREGISTREMENT NUMERIQUE DE LA POSITION D'UN IMPLANT DENTAIRE AU MOYEN D'UN SCANNER**
[72] XAM-MAR MANGRANE, ESTEBAN, ES
[71] XAM-MAR MANGRANE, ESTEBAN, ES
[85] 2018-08-03
[86] 2016-11-14 (PCT/ES2016/070811)
[87] (WO2017/153617)
[30] ES (U201630299) 2016-03-08

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[51] **Int.Cl. A61B 5/00 (2006.01) G06K 7/10 (2006.01)**
[25] EN
[54] **TRANSPONDERS AND SENSORS FOR IMPLANTABLE MEDICAL DEVICES AND METHODS OF USE THEREOF**
[54] **TRANSPONDEURS ET CAPTEURS POUR DISPOSITIFS MEDICAUX IMPLANTABLES ET PROCEDES POUR LES UTILISER**
[72] GEISSLER, RANDOLPH KEITH, US
[72] MAZZOCCHI, RUDY A., US
[72] QUIROS, JUAN JOSE CHACON, CR
[72] LEWIS, STEVEN A., US
[71] ESTABLISHMENT LABS S.A., CR
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[54] **ROTATABLE VALVE SPOOL FOR A MANIFOLD**
[54] **DISTRIBUTEUR A TIROIR CYLINDRIQUE ROTATIF POUR UN COLLECTEUR**
[72] MARKS, NATHAN E., US
[72] SCHMOLL, JEREMY A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[51] **Int.Cl. B65G 11/20 (2006.01) B65G 47/44 (2006.01)**
[25] EN
[54] **UNLOADING APPARATUS FOR HORTICULTURAL PRODUCTS SUCH AS BLUEBERRIES AND THE LIKE**
[54] **APPAREIL DE DECHARGEMENT POUR PRODUITS HORTICOLES TELS QUE DES MYRTILLES, ET ANALOGUES**
[72] BENEDETTI, LUCA, IT
[71] UNITEC S.P.A., IT
[85] 2018-08-03
[86] 2017-02-07 (PCT/IB2017/050645)
[87] (WO2017/137886)
[30] IT (102016000012566) 2016-02-08

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[51] **Int.Cl. F03D 80/00 (2016.01) F03D 17/00 (2016.01)**
[25] EN
[54] **A DEVICE RECORDING THE COLLISIONS OF FLYING ANIMALS WITH WIND TURBINES AND INDICATING WHERE THEY FELL ON THE GROUND**
[54] **DISPOSITIF ENREGISTRANT LES COLLISIONS D'ANIMAUX VOLANTS AVEC DES TURBINES EOLIENNES ET INDIQUANT OU ILS TOMBENT SUR LE SOL**
[72] PRZYBYCIN, MICHAL, PL
[71] PRZYBYCIN, MICHAL, PL
[85] 2018-08-03
[86] 2017-02-08 (PCT/IB2017/050678)
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[51] **Int.Cl. B65D 83/20 (2006.01) B65D 83/30 (2006.01) B65D 83/34 (2006.01) B65D 83/46 (2006.01)**
[25] EN
[54] **SINGLE ACTION DISPENSING DEVICE WITH SLIDING SLEEVE**
[54] **DISPOSITIF DE DISTRIBUTION A ACTION UNIQUE A MANCHON COULISSANT**
[72] SCHROER, DANIEL R., US
[72] BLACK, MARC S., US
[72] SCHUETTE, CHAD V., US
[72] SILER, CHRISTOPHER J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-08-03
[86] 2017-01-31 (PCT/US2017/015747)
[87] (WO2017/139128)
[30] US (62/292,884) 2016-02-09
[30] US (62/410,411) 2016-10-20

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[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **MULTIPLE DATABASE APPLICATION FOR CREATING AND COORDINATING FOOD ORDERS FOR GROUPS**
[54] **APPLICATION DE BASES DE DONNEES MULTIPLES POUR CREER ET COORDONNER DES COMMANDES DE NOURRITURE POUR DES GROUPES**
[72] LENCZYCKI, ANDREW LLOYD, US
[71] LENCZYCKI, ANDREW LLOYD, US
[85] 2018-08-03
[86] 2017-02-01 (PCT/US2017/016046)
[87] (WO2017/146883)
[30] US (62/298,999) 2016-02-24

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[25] EN
[54] **COATING LIQUID FOR MICRONEEDLES, MICRONEEDLE-COATING SUBSTANCE, AND MICRONEEDLE ARRAY**
[54] **LIQUIDE DE REVETEMENT POUR MICRO-AIGUILLES, SUBSTANCE DE REVETEMENT DE MICRO-AIGUILLE ET ENSEMBLE DE MICRO-AIGUILLES**
[72] QUAN, YING-SHU, JP
[72] SAITO, MIO, JP
[72] KITAOKA, SHOUTA, JP
[72] KAMIYAMA, FUMIO, JP
[71] COSMED PHARMACEUTICAL CO., LTD., JP
[85] 2018-08-03
[86] 2017-02-01 (PCT/JP2017/003565)
[87] (WO2017/135290)
[30] JP (2016-018844) 2016-02-03

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[51] **Int.Cl. A61K 36/87 (2006.01) A23K 10/00 (2016.01) A61K 9/00 (2006.01) A61K 33/04 (2006.01)**
[25] EN
[54] **ANTIOXIDANTS AGAINST OXIDATIVE STRESS DURING A STRESSOR EVENT**
[54] **ANTIOXYDANTS CONTRE LE STRESS OXYDATIF PENDANT UN EVENEMENT STRESSANT**
[72] RUTTEN, ALPHONS, FR
[72] POMMELLET, CAROLINE, FR
[72] CHICOTEAU, PIERRE, FR
[71] MERIAL INC., US
[85] 2018-08-03
[86] 2017-02-02 (PCT/US2017/016243)
[87] (WO2017/136570)
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[51] **Int.Cl. A61M 35/00 (2006.01) A61M 37/00 (2006.01) A61N 1/30 (2006.01)**
[25] EN
[54] **TRANSDERMAL PERMEANT APPLICATION DEVICE**
[54] **DISPOSITIF D'APPLICATION TRANSDERMIQUE DE PERMEANT**
[72] ROUX, SERGE, US
[72] KADAMUS, CHRISTOPHER, US
[72] MESSIER, BERNADETTE C., US
[72] KASCAK, UROS, US
[72] BARR, NATHAN, US
[71] NITTO DENKO CORPORATION, JP
[85] 2018-08-03
[86] 2017-02-03 (PCT/JP2017/004835)
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[30] US (62/291,752) 2016-02-05

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[51] **Int.Cl. H04W 74/04 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **COMMUNICATION DEVICE, COMMUNICATION METHOD, AND PROGRAM**
[54] **APPAREIL DE COMMUNICATION, PROCEDE DE COMMUNICATION ET PROGRAMME**
[72] SUGAYA, SHIGERU, JP
[71] SONY CORPORATION, JP
[85] 2018-08-03
[86] 2017-02-22 (PCT/JP2017/006500)
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[30] JP (2016-080027) 2016-04-13

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[51] **Int.Cl. C07D 487/04 (2006.01) A01N 43/90 (2006.01) A01P 7/04 (2006.01) A61K 31/5025 (2006.01) A61P 33/14 (2006.01)**
[25] EN
[54] **HETEROCYCLE-BOUND CONDENSED HETEROCYCLIC COMPOUND OR SALT THEREOF, AGRICULTURAL AND HORTICULTURAL INSECTICIDE COMPRISING THE COMPOUND, AND METHOD FOR USING THE INSECTICIDE**
[54] **COMPOSE HETEROCYCLIQUE CONDENSE PRESENTANT DES HETEROCYCLES LIES ET SES SELS, INSECTICIDE AGRICOLE/HORTICOLE CONTENANT LEDIT COMPOSE, ET PROCEDE D'UTILISATION DUDIT INSECTICIDE**
[72] YAMAUCHI, CHIAKI, JP
[72] YONEMURA, IKKI, JP
[72] SUWA, AKIYUKI, JP
[72] FUJIE, SHUNPEI, JP
[71] NIHON NOHYAKU CO., LTD., JP
[85] 2018-08-03
[86] 2017-02-24 (PCT/JP2017/007162)
[87] (WO2017/146221)
[30] JP (2016-035076) 2016-02-26

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[51] **Int.Cl. A61K 39/04 (2006.01) A61K 35/74 (2015.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BACTERIA OVER-EXPRESSING C-DI-AMP AND THERAPEUTIC METHODS**
[54] **BACTERIES SUREXPRIMANT LA MOLECULE C-DI-AMP ET METHODES THERAPEUTIQUES ASSOCIEES**
[72] BISHAI, WILLIAM R., US
[72] DEY, RUCHI JAIN, US
[72] DEY, BAPPADITYA, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-08-03
[86] 2016-02-10 (PCT/US2016/017248)
[87] (WO2016/130616)
[30] US (62/114,610) 2015-02-11

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[51] **Int.Cl. A61K 36/736 (2006.01) A01N 65/34 (2009.01) A61K 36/73 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COMPOSITIONS FROM PRUNUS**
[54] **COMPOSITIONS ANTIMICROBIENNES ISSUES DE PRUNUS**
[72] ROBERT, DONALD, US
[71] BRANCH RESEARCH LLC, US
[85] 2018-08-03
[86] 2017-02-02 (PCT/US2017/016167)
[87] (WO2017/136519)
[30] US (62/291,555) 2016-02-05

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[25] EN
[54] **RUBBERIZED RFID TAGGED TIRE BLADDERS**
[54] **VESSIES PNEUMATIQUES CAOUTCHOUTEES ETIQUETEES PAR RFID**
[72] KEENAN, PATRICK, US
[72] SCHIMMOELLER, DALE E., US
[71] COOPER TIRE & RUBBER COMPANY, US
[85] 2018-08-03
[86] 2017-02-03 (PCT/US2017/016548)
[87] (WO2017/136752)
[30] US (62/290,730) 2016-02-03

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[25] EN
[54] **UTILITY POLE MOUNTED SOLAR PANELS AND SECURING BRACKETS**
[54] **PANNEAUX SOLAIRES MONTES SUR UN POTEAU DES SERVICES PUBLICS ET SUPPORTS DE FIXATION**
[72] KORNOVICH, LONNIE L., US
[71] KORNOVICH, LONNIE L., US
[85] 2018-08-03
[86] 2017-02-03 (PCT/US2017/016600)
[87] (WO2017/136789)
[30] US (62/292,215) 2016-02-05

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[51] **Int.Cl. A47C 27/08 (2006.01) A47C 27/10 (2006.01) A47C 27/18 (2006.01) A61G 7/05 (2006.01) A61G 7/057 (2006.01) F16K 11/06 (2006.01) F16K 11/065 (2006.01) F16K 11/07 (2006.01) F16K 11/074 (2006.01)**
[25] EN
[54] **VALVE ASSEMBLY FOR CUSHION INFLATION**
[54] **ENSEMBLE SOUPAPE POUR LE GONFLAGE DE COUSSINS**
[72] DARNOLD, LEANE, US
[72] MEIER, KEVIN, US
[72] PEYTON, ROSS, US
[72] FOURNIE, GLENN G., US
[72] HOPP, DAVID, US
[71] ROHO, INC, US
[85] 2018-08-03
[86] 2017-02-06 (PCT/US2017/016678)
[87] (WO2017/136814)
[30] US (62/291,342) 2016-02-04
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[51] **Int.Cl. G01N 33/00 (2006.01) G01N 21/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR QUALIFYING PLANT MATERIAL**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE LA QUALITE DE MATIERE VEGETALE**
[72] YARDEN, DANA, IL
[72] SHOSEYOV, ODED, IL
[72] BLANCA, MERAV, IL
[71] GEMMACERT LTD., IL
[85] 2018-08-03
[86] 2017-02-02 (PCT/IL2017/050130)
[87] (WO2017/134669)
[30] US (62/291,060) 2016-02-04

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[13] A1
[51] **Int.Cl. C08G 65/332 (2006.01) A61K 31/11 (2006.01) C08G 65/48 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING POLYETHYLENE GLYCOL DIALDEHYDE DERIVATIVE**
[54] **PROCEDE DE PREPARATION D'UN DERIVE DE POLYETHYLENE GLYCOL DIALDEHYDE**
[72] KIM, YU RIM, KR
[72] PARK, EUN RANG, KR
[72] KWON, BO SUNG, KR
[72] CHO, YOUNG BUM, KR
[72] CHU, JUN HO, KR
[71] HANMI FINE CHEMICAL CO., LTD., MD
[85] 2018-08-03
[86] 2017-02-21 (PCT/KR2017/001906)
[87] (WO2017/146443)
[30] KR (10-2016-0023217) 2016-02-26

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[51] **Int.Cl. A61K 31/66 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT AND PREVENTION OF PYREXIA IN HORSES**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT ET DE PREVENTION DE MALADIES CARDIOVASCULAIRES**
[72] SUNDMAN, EMILY, US
[71] KINDRED BIOSCIENCES, INC., US
[85] 2018-08-03
[86] 2016-03-02 (PCT/US2016/020463)
[87] (WO2016/141065)
[30] US (62/127,401) 2015-03-03

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[51] **Int.Cl. B60W 20/50 (2016.01) G06F 17/00 (2006.01) H04N 7/16 (2011.01) H04N 9/87 (2006.01)**
[25] EN
[54] **DYNAMIC APPLICATION EXECUTION FOR AUTOMOBILE AND CLOUD HYBRID ENVIRONMENTS**
[54] **EXECUTION D'APPLICATION DYNAMIQUE POUR AUTOMOBILES ET ENVIRONNEMENTS HYBRIDES EN NUAGE**
[72] SNYDER, IRA, US
[71] XEVO INC., US
[85] 2018-08-03
[86] 2016-12-21 (PCT/US2016/068087)
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[30] US (15/048,385) 2016-02-19

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[51] **Int.Cl. B65D 83/20 (2006.01) B65D 83/30 (2006.01) B65D 83/34 (2006.01) B65D 83/46 (2006.01)**
[25] EN
[54] **SINGLE ACTION DISPENSING DEVICE WITH SLIDING SLEEVE HAVING A PLUG**
[54] **DISPOSITIF DE DISTRIBUTION A ACTION UNIQUE AVEC MANCHON COULISSANT AYANT UN BOUTON**
[72] SCHROER, DANIEL R., US
[72] BLACK, MARC S., US
[72] SCHUETTE, CHAD V., US
[72] SILER, CHRISTOPHER J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-08-03
[86] 2017-01-31 (PCT/US2017/015758)
[87] (WO2017/139131)
[30] US (62/292,883) 2016-02-09
[30] US (62/410,412) 2016-10-20

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[51] **Int.Cl. B65D 43/02 (2006.01)**
[25] EN
[54] **HOPPER COVER**
[54] **COUVERCLE DE TREMIE**
[72] HUNDLEY, JILL, US
[72] KOEHL, RICHARD, US
[72] WETENKAMP, KEN, US
[71] THE VOLLRATH COMPANY, L.L.C., US
[85] 2018-08-03
[86] 2017-01-31 (PCT/US2017/015823)
[87] (WO2017/136338)
[30] US (15/017,119) 2016-02-05

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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/506 (2006.01) A61P 33/02 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING INFECTIONS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'INFECTIONS BACTERIENNES**
[72] THOMAS, STEPHEN, US
[72] HOPPER, ALLEN T., US
[72] WELSCH, MATHEW, US
[71] VYERA PHARMACEUTICALS, LLC, US
[85] 2018-08-03
[86] 2017-02-02 (PCT/US2017/016224)
[87] (WO2017/136556)
[30] US (62/291,900) 2016-02-05
[30] US (62/375,712) 2016-08-16

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[51] **Int.Cl. A61M 1/00 (2006.01) A61F 9/007 (2006.01)**
[25] EN
[54] **PHACOEMULSIFICATION SURGICAL MULTI-USE PACK USAGE TRACKER SYSTEM**
[54] **SYSTEME DE SUIVI D'UTILISATION DE NECESSAIRE CHIRURGICAL MULTI-USAGE DE PHARMACO-EMULSIFICATION**
[72] FUNG, EDITH W., US
[72] MEHTA, DEEP, US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
[85] 2018-08-03
[86] 2017-02-03 (PCT/US2017/016504)
[87] (WO2017/136724)
[30] US (15/017,501) 2016-02-05

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[51] **Int.Cl. B01J 20/00 (2006.01) B01D 53/02 (2006.01) B01D 53/12 (2006.01)**
[25] EN
[54] **INTEGRATED PROCESS FOR CAPTURING CARBON DIOXIDE**
[54] **PROCEDE INTEGRE DE CAPTURE DE DIOXYDE DE CARBONE**
[72] NOVEK, ETHAN, US
[71] NOVEK, ETHAN, US
[85] 2018-08-03
[86] 2017-02-03 (PCT/US2017/016512)
[87] (WO2017/136728)
[30] US (62/290,519) 2016-02-03
[30] US (62/309,666) 2016-03-17
[30] US (62/325,620) 2016-04-21
[30] US (62/363,445) 2016-07-18
[30] US (62/375,471) 2016-08-16

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[51] **Int.Cl. F41G 3/16 (2006.01) F41C 27/00 (2006.01)**
[25] EN
[54] **FIREARM ELECTRONIC SYSTEM**
[54] **SYSTEME ELECTRONIQUE D'ARME A FEU**
[72] KAPOGIANIS, VASILIOS K., US
[72] AGUILAR, STEVE L., US
[72] PICO, DANIEL, US
[71] VK INTEGRATED SYSTEMS, US
[85] 2018-08-03
[86] 2017-02-03 (PCT/US2017/016565)
[87] (WO2017/184230)
[30] US (62/290,785) 2016-02-03

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[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/4704 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS FOR COUNTERING CHEMOTHERAPY INDUCED CARDIOTOXICITY**
[54] **COMPOSITIONS PHARMACEUTIQUES ET PROCEDES POUR ATTENUER LA CARDIOTOXICITE INDUITE PAR UNE CHIMIOTHERAPIE**
[72] ARMSTRONG, CHRISTOPHER G., US
[72] KIM, KEVIN J., US
[72] PHAM, LISA MARIA LUCIA, US
[72] PARK, EUNHYE, US
[72] ZHONG, ZHONG, US
[72] HUANG, GUANYI, US
[72] WU, JOSEPH C., US
[72] ELMER, SIDNEY PAUL, US
[72] VISUTHIKRAISEE, VIWAT, US
[72] CADAG, EITHON MICHAEL G., US
[72] FREEMAN, THOMAS BERNARD, US
[72] LUM, PEK YEE, US
[71] STEM CELL THERANOSTICS, INC., US
[71] CAPELLA BIOSCIENCES, INC., US
[85] 2018-08-03
[86] 2017-02-03 (PCT/US2017/016582)
[87] (WO2017/136774)
[30] US (62/291,480) 2016-02-04
[30] US (62/348,102) 2016-06-09

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[51] **Int.Cl. A47C 7/02 (2006.01) A47C 27/10 (2006.01) G01L 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CUSHION INFLATION**
[54] **SYSTEME ET PROCEDE DE GONFLAGE DE COUSSIN**
[72] DARNOLD, LEANE, US
[72] MEIER, KEVIN, US
[72] PEYTON, ROSS, US
[72] FOURNIE, GLENN, US
[72] STEWARD, STEVE, US
[71] ROHO, INC., US
[85] 2018-08-03
[86] 2017-02-06 (PCT/US2017/016687)
[87] (WO2017/136817)
[30] US (62/291,224) 2016-02-04
[30] US (62/291,342) 2016-02-04

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[13] A1
[51] **Int.Cl. A61K 35/74 (2015.01) C12N 15/70 (2006.01) C12N 15/74 (2006.01) C12P 7/52 (2006.01)**
[25] EN
[54] **BACTERIA ENGINEERED TO TREAT DISEASES THAT BENEFIT FROM REDUCED GUT INFLAMMATION AND/OR TIGHTENED GUT MUCOSAL BARRIER**
[54] **BACTERIES MODIFIEES POUR TRAITER DES MALADIES POUR LESQUELLES UNE DIMINUTION DE L'INFLAMMATION INTESTINALE ET/OU UNE PLUS GRANDE IMPERMEABILITE DE LA MUQUEUSE INTESTINALE S'AVERENT BENEFIQUES**
[72] MILLER, PAUL F., US
[72] ISABELLA, VINCENT M., US
[72] KOTULA, JONATHAN W., US
[72] FALB, DEAN, US
[72] FISHER, ADAM B., US
[72] MILLET, YVES, US
[72] LI, NING, US
[71] SYNLOGIC OPERATING COMPANY, INC., US
[85] 2018-08-03
[86] 2017-02-03 (PCT/US2017/016603)
[87] (WO2017/136792)
[30] US (62/291,461) 2016-02-04
[30] US (62/291,468) 2016-02-04
[30] US (62/291,470) 2016-02-04
[30] US (PCT/US2016/020530) 2016-03-02
[30] US (PCT/US2016/032565) 2016-05-13
[30] US (62/347,508) 2016-06-08
[30] US (62/347,576) 2016-06-08
[30] US (62/348,620) 2016-06-10
[30] US (PCT/US2016/039444) 2016-06-24
[30] US (62/354,682) 2016-06-24
[30] US (62/362,954) 2016-07-15
[30] US (62/385,235) 2016-09-08
[30] US (15/260,319) 2016-09-08
[30] US (PCT/US2016/050836) 2016-09-08
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[30] US (62/439,871) 2016-12-28
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[54] **STIMULATION OF APPETITE, MANAGEMENT OF WEIGHT LOSS, AND TREATMENT OF ANOREXIA IN DOGS AND CATS**
[54] **STIMULATION DE L'APPETIT, GESTION DE LA PERTE DE POIDS, ET TRAITEMENT DE L'ANOREXIE CHEZ LES CHIENS ET LES CHATS**
[72] BUHLES, WILLIAM, US
[72] CORTEZ, RICHARD, US
[72] MAAS, KRISTIN, US
[72] SRIVASTAVA, GEETA, US
[72] PEREZ, DANIEL, US
[71] KINDRED BIOSCIENCES, INC., US
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[30] US (62/126,188) 2015-02-27

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[51] **Int.Cl. F28F 1/32 (2006.01) F28F 1/30 (2006.01) F28F 3/02 (2006.01) F28F 7/00 (2006.01) F28F 13/12 (2006.01)**
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[54] **ARROWHEAD FIN FOR HEAT EXCHANGE TUBING**
[54] **AILETTE A FORME DE POINTE DE FLECHE POUR TUBULURE D'ECHANGE DE CHALEUR**
[72] BUGLER, THOMAS W., US
[72] LIBERT, JEAN-PIERRE, US
[72] HUBER, MARK, US
[72] REILLY, AARON, US
[71] EVAPCO, INC., US
[85] 2018-08-03
[86] 2017-02-06 (PCT/US2017/016689)
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[30] US (62/291,196) 2016-02-04
[30] US (15/425,454) 2017-02-06

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[25] EN
[54] **ADMINISTRATION OF ENGINEERED T CELLS FOR TREATMENT OF CANCERS IN THE CENTRAL NERVOUS SYSTEM**
[54] **ADMINISTRATION DE LYMPHOCYTES T GENETIQUEMENT MODIFIES POUR LE TRAITEMENT DE CANCERS DU SYSTEME NERVEUX CENTRAL**
[72] BADIE, BENHAM, US
[72] BROWN, CHRISTINE E., US
[72] FORMAN, STEPHEN J., US
[72] PRICEMAN, SAUL J., US
[71] CITY OF HOPE, US
[85] 2018-08-03
[86] 2017-02-06 (PCT/US2017/016711)
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[30] US (62/292,152) 2016-02-05
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[54] **BIOFUELS FOR ENHANCING PRODUCTIVITY OF LOW PRODUCTION WELLS**
[54] **BIOCARBURANTS POUR AMELIORER LA PRODUCTIVITE DE PUITS A FAIBLE PRODUCTION**
[72] MCNAUGHTON, ROB, US
[72] KOSTER, NICK, US
[72] AARON, WES, US
[71] HK IP LLC, US
[85] 2018-08-03
[86] 2017-02-06 (PCT/US2017/016726)
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[30] US (62/291,415) 2016-02-04

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[25] EN
[54] **WIPER ADAPTER AND WIPER ASSEMBLY INCORPORATING THE SAME**
[54] **ADAPTATEUR D'ESSUIE-GLACE ET ENSEMBLE ESSUIE-GLACE INCORPORANT L'ADAPTATEUR D'ESSUIE-GLACE**
[72] AVASILOAIE, VALENTIN, US
[72] EHDE, DANIEL, US
[72] POLOCOSER, MITICA, US
[71] TRICO PRODUCTS CORPORATION, US
[85] 2018-08-03
[86] 2017-02-06 (PCT/US2017/016742)
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[30] US (62/291,810) 2016-02-05
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[54] **DETERMINATION D'UN SCORE DE BIEN-ETRE, D'AMELIORATION OU D'EFFICACITE**
[72] SALIMAN, JUSTIN, US
[72] COSTER, LEONARD, US
[72] FRATES, ALBERT, US
[72] NOEL, FLOYD, US
[72] GRIM, DOUG, US
[72] HURST, JASON, US
[72] RUTLAND, CRYSTAL, US
[72] MCGRANAHAN, LIAM, GB
[71] OUTCOMEMD, INC., US
[85] 2018-08-03
[86] 2017-02-08 (PCT/US2017/017027)
[87] (WO2017/139383)
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[25] EN
[54] **TRAP FOR PUMP TESTING AND MONITORING SYSTEMS**
[54] **PIEGE POUR SYSTEMES D'ESSAI ET DE SURVEILLANCE DE POMPE**
[72] CUMMINGS, EUGENE, US
[71] BEACON TECHNICAL SYSTEMS, LLC, US
[85] 2018-08-03
[86] 2017-02-07 (PCT/US2017/016777)
[87] (WO2017/139244)
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[25] EN
[54] **HERBICIDE SAFENER COMBINATIONS FOR ACETYL CO-ENZYME A CARBOXYLASE HERBICIDE RESISTANT PLANTS**
[54] **COMBINAISONS DE PHYTOPROTECTEUR HERBICIDE POUR PLANTES RESISTANT AUX HERBICIDES A ACETYLE DE CO-ENZYME A CARBOXYLASE**
[72] HILDEBRANDT, CURTIS M., US
[72] GAINES, TODD, US
[72] WESTRA, PHILIP, US
[71] COLORADO WHEAT RESEARCH FOUNDATION, INC., US
[85] 2018-08-03
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[54] **BLOOD COAGULOMETER AND METHOD**
[54] **COAGULOMETRE SANGUIN ET PROCEDE**
[72] GILL, BRIJESH S., US
[72] AROOM, KEVIN, US
[72] COX, CHARLES, JR., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-08-03
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[25] EN
[54] **SYSTEM AND METHOD TO MODULATE PAIN AND ITCH THROUGH CUTANEOUS TRANSFER OF GENETIC INFORMATION**
[54] **SYSTEME ET PROCEDE POUR MODULER LA DOULEUR ET LES DEMANGEAISONS PAR TRANSFERT CUTANE D'INFORMATIONS GENETIQUES**
[72] TOWNE, CHRISTOPHER L., US
[72] ANDERSEN, DAN, US
[71] CIRCUIT THERAPEUTICS, INC., US
[85] 2018-08-03
[86] 2017-02-08 (PCT/US2017/017062)
[87] (WO2017/139413)
[30] US (62/292,771) 2016-02-08
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[25] EN
[54] **BIOADHESIVE FOR CORNEAL REPAIR**
[54] **BIOADHESIF POUR LA REPARATION DE LA CORNEE**
[72] KHADEMHOSSEINI, ALI, US
[72] ANNABI, NASIM, US
[72] DANA, REZA, US
[72] KHEIRKHAH, AHMAD, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US
[85] 2018-08-03
[86] 2017-02-08 (PCT/US2017/016917)
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[30] US (62/292,752) 2016-02-08

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[51] **Int.Cl. A61K 31/713 (2006.01) A61K 9/16 (2006.01) A61K 31/436 (2006.01)**
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[54] **RAPAGLUTINS, NOVEL INHIBITORS OF GLUT AND USE THEREOF**
[54] **RAPAGLUTINES : NOUVEAUX INHIBITEURS DE GLUT, ET LEUR UTILISATION**
[72] JUN, LIU, US
[72] WANG, JINGXIN, US
[72] ZUFENG, GUO, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-08-02
[86] 2017-02-03 (PCT/US2017/016516)
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[25] EN
[54] **NOVEL POWDER COATING SYSTEM**
[54] **NOUVEAU REVETEMENT EN POUDRE**
[72] MISTRY, JIGAR K., US
[72] GELLING, VICTORIA, US
[72] LALOR, JUSTIN, US
[72] JADHAV, NITEEN, US
[72] YUNGBAUER, THOMAS, US
[71] SWIMC LLC, US
[85] 2018-08-03
[86] 2017-02-09 (PCT/US2017/017106)
[87] (WO2017/139433)
[30] US (PCT/US2016/017323) 2016-02-10
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[25] EN
[54] **DETACHABLE FOLDABLE HOOD**
[54] **CAPUCHE PLIABLE DETACHABLE**
[72] ROMANO, JENNIFER, US
[71] SHUX ENTERPRISE, INC., US
[85] 2018-08-03
[86] 2017-02-09 (PCT/US2017/017167)
[87] (WO2017/139458)
[30] US (62/293,099) 2016-02-09

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[25] EN
[54] **HIGH QUALITY NON-AEROSOL HAND SANITIZING FOAM**
[54] **MOUSSE DE DESINFECTION DES MAINS SANS AEROSOL DE HAUTE QUALITE**
[72] CIAVARELLA, NICK E., US
[71] GOJO INDUSTRIES, INC., US
[85] 2018-08-03
[86] 2017-02-13 (PCT/US2017/017595)
[87] (WO2017/139727)
[30] US (62/293,931) 2016-02-11
[30] US (62/319,061) 2016-04-06
[30] US (15/350,190) 2016-11-14
[30] US (15/355,112) 2016-11-18
[30] US (15/356,795) 2016-11-21
[30] US (15/369,007) 2016-12-05

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[51] **Int.Cl. B01D 17/02 (2006.01) B01D 17/04 (2006.01) C02F 1/40 (2006.01) C02F 1/56 (2006.01) C02F 9/00 (2006.01) C02F 11/14 (2006.01) C12F 3/10 (2006.01)**
[25] EN
[54] **STILLAGE SOLIDS CONCENTRATION**
[54] **CONCENTRATION DE SOLIDES DE DISTILLATION**
[72] SCHRADER, JOHN ANDREW, US
[72] WILLIAMS, BRYAN, US
[72] WOOD, MICHAEL R., US
[72] BROWN, JENIFFER, US
[72] TURUNC, UMIT, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-08-03
[86] 2017-02-13 (PCT/US2017/017619)
[87] (WO2017/142827)
[30] US (62/296,641) 2016-02-18

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[51] **Int.Cl. G01F 23/04 (2006.01) G01F 23/284 (2006.01) G01F 23/296 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR LIQUID LEVEL MEASUREMENT AND CONTENT PURITY MEASUREMENT IN A SOUNDING TUBE**
[54] **APPAREIL ET PROCEDE DE MESURE DU NIVEAU D'UN LIQUIDE ET DE MESURE DE LA PURETE D'UN CONTENU DANS UN TUBE DE SONDAGE**
[72] RIVERA, ESTHER MILAGROS DIAZ, US
[72] GARRETT, GREGGORY JAMES, US
[72] CONLEY, MICHAEL RAY, US
[72] WILKIE, NEIL T., US
[71] VEGA AMERICAS, INC., US
[85] 2018-08-03
[86] 2017-02-09 (PCT/US2017/017194)
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[30] US (62/293,324) 2016-02-09

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[13] A1
[51] **Int.Cl. A61K 31/19 (2006.01) A61K 9/50 (2006.01)**
[25] FR
[54] **UNIT DOSES FOR IMMEDIATE RELEASE OF GHB OR OF ONE OF THE THERAPEUTICALLY ACCEPTABLE SALTS THEREOF, ADMINISTERED ORALLY, AND THE USE THEREOF TO MAINTAIN ALCOHOL ABSTINENCE**
[54] **DOSES UNITAIRES A LIBERATION IMMEDIATE DE GHB OU DE L'UN DE SES SELS THERAPEUTIQUEMENT ACCEPTABLES ADMINISTREES PAR VOIE ORALE ET LEUR UTILISATION POUR MAINTENIR L'ABSTINENCE ALCOOLIQUE**
[72] GUIRAUD, JULIEN, FR
[71] DEBREGEAS ET ASSOCIES PHARMA, FR
[85] 2018-08-03
[86] 2017-03-30 (PCT/FR2017/000060)
[87] (WO2017/168059)
[30] FR (16/00554) 2016-04-01

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[51] **Int.Cl. A61B 17/135 (2006.01) A61B 7/00 (2006.01) A61H 23/04 (2006.01) A63B 21/008 (2006.01) A63B 21/065 (2006.01) A63B 23/00 (2006.01)**
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[54] **BARREL INFLATABLE BELT**
[54] **CEINTURE GONFLABLE A CYLINDRE**
[72] WHALEN, ROBERT TREMAINE, US
[72] WHALEN, SEAN TREMAINE, EE
[71] WHALEN, ROBERT TREMAINE, US
[71] WHALEN, SEAN TREMAINE, EE
[85] 2018-08-03
[86] 2017-02-09 (PCT/US2017/017259)
[87] (WO2017/139508)
[30] US (62/293,536) 2016-02-10
[30] US (62/311,936) 2016-03-23
[30] US (15/428,141) 2017-02-08

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[51] **Int.Cl. A61K 47/68 (2017.01)**
[25] EN
[54] **ERIBULIN-BASED ANTIBODY-DRUG CONJUGATES AND METHODS OF USE**
[54] **CONJUGUES ANTICORPS-MEDICAMENT A BASE D'ERIBULINE ET LEURS PROCEDES D'UTILISATION**
[72] ALBONE, EARL F., US
[72] CHENG, XIN, US
[72] CUSTAR, DANIEL W., US
[72] FURUUCHI, KEIJI, US
[72] LI, JING, US
[72] MAJUMDER, UTPAL, US
[72] UENAKA, TOSHIMITSU, US
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2018-08-03
[86] 2017-03-02 (PCT/US2017/020529)
[87] (WO2017/151979)
[30] US (62/302,562) 2016-03-02

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[51] **Int.Cl. A61K 38/16 (2006.01) C07K 16/06 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **EARLY DETECTION OF HEPATOCELLULAR CARCINOMA**
[54] **DETECTION PRECOCE DE CARCINOME HEPATOCELLULAIRE**
[72] BLOCK, TIMOTHY M., US
[72] WANG, MENGJUN, US
[72] MEHTA, ANAND, US
[71] DREXEL UNIVERSITY, US
[85] 2018-08-03
[86] 2017-02-16 (PCT/US2017/018040)
[87] (WO2017/146971)
[30] US (62/300,142) 2016-02-26

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[13] A1
[51] **Int.Cl. A43B 3/00 (2006.01)**
[25] FR
[54] **COMMUNICANT ARTICLE OF SMART CLOTHING AND METHOD AND APPARATUS FOR TWO-WAY COMMUNICATION WITH SUCH AN ARTICLE OF CLOTHING**
[54] **ARTICLE VESTIMENTAIRE INTELLIGENT ET COMMUNICANT, PROCEDE ET INSTALLATION DE COMMUNICATION BIDIRECTIONNELLE AVEC UN TEL ARTICLE VESTIMENTAIRE**
[72] DESTRIAN, MATHIEU, FR
[72] FRANCHETTO, GIULIANO, FR
[71] INTELLINIUM, FR
[85] 2018-08-03
[86] 2017-02-02 (PCT/FR2017/050229)
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[51] **Int.Cl. A61G 15/02 (2006.01) A61G 15/10 (2006.01)**
[25] EN
[54] **MEDICAL CHAIR**
[54] **CHAISE MEDICALE**
[72] YOUNG, ROBERT N., US
[72] BELLAMAH, GREGORY F., US
[72] RIVLIN, VLADIMIR M., US
[71] RELIANCE MEDICAL PRODUCTS, INC., US
[85] 2018-08-03
[86] 2017-03-06 (PCT/US2017/020882)
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[30] US (62/303,793) 2016-03-04

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[51] **Int.Cl. A23D 9/007 (2006.01)**
[25] EN
[54] **TIME RELEASE VITAMINS AND MINERALS IN EDIBLE OILS**
[54] **VITAMINES ET MINERAUX A LIBERATION CONTROLEE DANS DES HUILES COMESTIBLES**
[72] WHITE, TYLER O., US
[72] HESSE, MATTHEW D., US
[71] CORR-JENSEN INC., US
[85] 2018-08-03
[86] 2017-02-17 (PCT/US2017/018344)
[87] (WO2017/143172)
[30] US (62/296,299) 2016-02-17

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[13] A1
[51] **Int.Cl. A21D 13/00 (2017.01) A23L 5/10 (2016.01) A23L 7/10 (2016.01)**
[25] EN
[54] **FOOD PRODUCT WITH REDUCED SUGAR GRAIN BINDER COMPOSITION**
[54] **PRODUIT ALIMENTAIRE COMPRENANT UNE COMPOSITION DE LIANT A BASE DE CEREALES A TENEUR REDUITE EN SUCRE**
[72] YANG, GUOSHEN, US
[72] TURPIN, JANA, US
[72] HOSSEN, MONJUR, US
[72] HERBERS, GREGORY J., US
[71] KELLOGG COMPANY, US
[85] 2018-08-03
[86] 2017-02-24 (PCT/US2017/019288)
[87] (WO2017/147376)
[30] US (62/299,646) 2016-02-25

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[13] A1
[51] **Int.Cl. A61F 5/08 (2006.01)**
[25] FR
[54] **SET OF NOSE-MODELLING INSTRUMENTS, PRODUCTION METHOD AND A METHOD FOR MODELLING THE NOSE**
[54] **ENSEMBLE D'INSTRUMENTS DE MODELAGE DU NEZ, PROCEDE DE REALISATION ET PROCEDE DE MODELAGE DU NEZ**
[72] BENJOAR, DAVID MARC, FR
[72] BERDAH, YAEL, FR
[71] S.E.L.A.R.L DE MEDECINS PLASTICIENS PARIS, FR
[85] 2018-08-06
[86] 2017-02-06 (PCT/EP2017/052551)
[87] (WO2017/137356)
[30] FR (1651022) 2016-02-09

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[13] A1
[51] **Int.Cl. A61B 1/00 (2006.01) A61B 1/12 (2006.01)**
[25] EN
[54] **VISION PRESERVATION SYSTEM FOR MEDICAL DEVICES**
[54] **SYSTEME DE CONSERVATION DE LA VISION POUR DISPOSITIFS MEDICAUX**
[72] MULCAHEY, THOMAS, US
[72] GRASSO, DANIEL J., US
[72] SHERRILL, DAVID, US
[71] CSA MEDICAL, INC., US
[85] 2018-08-03
[86] 2017-04-26 (PCT/US2017/029722)
[87] (WO2017/189781)
[30] US (62/328,044) 2016-04-27

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[13] A1
[51] **Int.Cl. H02K 1/14 (2006.01) H02K 3/52 (2006.01) H02K 5/00 (2006.01) H02K 5/173 (2006.01)**
[25] EN
[54] **ELECTRIC MOTOR, IN PARTICULAR FOR FANS FOR COMBUSTION AIR, OR FOR AN AIR/COMBUSTION GAS MIXTURE, IN GAS BURNERS, STATOR ASSEMBLY FOR SUCH ELECTRIC MOTOR, AND METHOD OF ASSEMBLY FOR SUCH STATOR ASSEMBLY**
[54] **MOTEUR ELECTRIQUE, EN PARTICULIER POUR DES VENTILATEURS POUR UN AIR DE COMBUSTION, OU POUR UN MELANGE D'AIR/GAZ DE COMBUSTION, DANS DES BRULEURS A GAZ, ENSEMBLE STATOR POUR UN TELMOTEUR ELECTRIQUE, ET PROCEDE D'ASSEMBLAGE POUR UN TEL ENSEMBLE STATOR**
[72] RANALLI, ANTONIO, IT
[72] MAZZIERI, PAOLO, IT
[71] SIT S.P.A., IT
[85] 2018-08-06
[86] 2017-02-21 (PCT/EP2017/053936)
[87] (WO2017/144464)
[30] IT (102016000017691) 2016-02-22

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[25] EN
[54] **AUTOMATED CHEMICAL FEED TO WASTEWATER BASED ON MEASUREMENTS OF ORGANICS**
[54] **ALIMENTATION CHIMIQUE AUTOMATISEE DANS LES EAUX USEES BASEE SUR DES MESURES DE SUBSTANCES ORGANIQUES**
[72] MASON, DAVID M., US
[72] ERICKSON, GARY, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-08-03
[86] 2017-07-19 (PCT/US2017/042875)
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[30] US (62/364,397) 2016-07-20

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[72] ROSSUM VAN, GUUS, NL
[72] SCHOONEBEEK, RONALD JAN, NL
[72] VERHAAK, MICHAEL JOHANNES FRANCISCUS MARIA, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **MODELE DE PUITS SEQUENTIEL ENTIEREMENT IMPLICITE AVEC STRUCTURE DE MATRICE TRIDIAGONALE POUR SIMULATION DE RESERVOIR**
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[71] SAUDI ARABIAN OIL COMAPNY, SA
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[54] **INHIBITION POSTERIEURE DE LA FIBROSE OCULAIRE PAR ANTAGONISATION DU FACTEUR DE CROISSANCE PLACENTAIRE**
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[72] JONCKX, BART, BE
[72] FEYEN, JEAN, BE
[71] THROMBOGENICS NV, BE
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[54] **GLUCONO DELTA-LACTONE POUR LE TRAITEMENT D'INFECTIONS FONGIQUES VAGINALES**
[72] ELLERVIK, ULF, SE
[72] STERNER, OLOV, SE
[72] STREVENS, HELENA, SE
[72] MANNER, SOPHIE, SE
[71] GEDEA BIOTECH AB, SE
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[54] **DISPOSITIF DE SUPPORT POUR UN FIL DE TRANSPORT D'UNE RANGEE DE PLANTES SUR UN POTEAU DE SUPPORT**
[72] BORTOLUSSI, FRANCO, IT
[72] BORTOLUSSI, CLAUDIO, IT
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[54] **A TECHNIQUE FOR REDUCING RESPONDING SECTOR SWEEP TIME FOR MILLIMETER-WAVE DEVICES**
[54] **TECHNIQUE DE REDUCTION DE TEMPS DE BALAYAGE DE SECTEUR D'APPELE POUR DES DISPOSITIFS A ONDES MILLIMETRIQUES**
[72] SANDEROVICH, AMICHAI, US
[72] AHARON, MORDECHAY, US
[72] EITAN, ALECSANDER PETRU, US
[71] QUALCOMM INCORPORATED, US
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[54] **ENABLING A SECURE CARD ON FILE OPTION FOR ELECTRONIC MERCHANT APPLICATIONS**
[54] **ACTIVATION DE CARTE SECURISEE SUR UNE OPTION DE FICHIER DESTINEE A DES APPLICATIONS MARCHANDES ELECTRONIQUES**
[72] PURVES, THOMAS, US
[72] PARK, JAESUNG, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[54] **COMPOSES ELASTOMERES**
[72] CHEN, LIMENG, US
[72] CHOI, JAESUN, US
[72] KYRLIDIS, AGATHAGELOS, US
[72] TASSINARI, OLIVER W., US
[71] CABOT CORPORATION, US
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[54] **DISPOSITIFS DE STETHOSCOPE AMELIORES ET PROCEDES**
[72] RAJAGOPAL, ADITYA, US
[72] RAJAGOPAL, ALAINA ANN BRINLEY, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2018-08-06
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[54] **INDOLE AND AZAINDOLE HALOALLYLAMINE DERIVATIVE INHIBITORS OF LYSYL OXIDASES AND USES THEREOF**
[54] **DERIVE D'HALOALLYLAMINES INDOLE ET AZAINDOLE COMME INHIBITEURS DE LYSYL OXYDASES, ET LEURS UTILISATIONS**
[72] FINDLAY, ALISON DOROTHY, AU
[72] TURNER, CRAIG IVAN, AU
[72] DEODHAR, MANDAR, AU
[72] FOOT, JONATHAN STUART, AU
[72] JAROLIMEK, WOLFGANG, AU
[72] ZHOU, WENBIN, AU
[72] ROBERTSON, ALAN DUNCAN, AU
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[54] **NASAL TREATMENT DELIVERY DEVICE WITH CARBON DIOXIDE AND SALINE, AND METHODS, INCLUDING LOW FLOW RATES**
[54] **DISPOSITIF D'ADMINISTRATION DE TRAITEMENT NASAL COMPRENANT DU DIOXYDE DE CARBONE ET UNE SOLUTION SALINE, ET METHODES, COMPRENANT DE FAIBLES DEBITS**
[72] GLYNN, KENNETH P., US
[71] CLOVER HILL HEAL THEALTHCARE, INC, US
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[51] **Int.Cl. G05B 9/02 (2006.01) G05B 23/02 (2006.01)**
[25] EN
[54] **DETECTION OF TEMPERATURE SENSOR FAILURE IN TURBINE SYSTEMS**
[54] **DETECTION D'UNE PANNE DE CAPTEUR DE TEMPERATURE DANS DES SYSTEMES DE TURBINES**
[72] FISHKIN, ALEXEY, DE
[72] LATIMER, ANTHONY, GB
[72] MARSDEN, ADAM, GB
[72] ROSHCHIN, MIKHAIL, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **DETECTION OF BEARING CARBONIZATION FAILURE IN TURBINE SYSTEMS**
[54] **DETECTION DE PANNE PAR CARBONISATION DE PALIER DANS DES SYSTEMES DE TURBINE**
[72] FISHKIN, ALEXEY, DE
[72] LATIMER, ANTHONY, GB
[72] ROSHCHIN, MIKHAIL, DE
[72] SEAMER, ANDREW, GB
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[54] **SYSTEMES ET PROCEDES DE COUVERTURE DE PISCINE**
[72] ALOI, NICHOLAS, AU
[71] ALOI GROUP PTY LTD, AU
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[25] EN
[54] **METHOD AND DEVICE FOR DETECTING A DETERIORATION STATE IN A SUSPENSION MEMBER ARRANGEMENT FOR AN ELEVATOR BASED ON AC VOLTAGE MEASUREMENTS WITH SUSPENSION MEMBERS BEING ELECTRICALLY SHORT-CIRCUITED AT THEIR DISTAL ENDS**
[54] **PROCEDE ET DISPOSITIF POUR DETECTER UN ETAT DE DETERIORATION DANS UN AGENCEMENT D'ELEMENT DE SUSPENSION POUR UN ASCENSEUR SUR LA BASE DE MESURES DE TENSION ALTERNATIVE AVEC DES ELEMENTS DE SUSPENSION EN COURT-CIRCUIT ELECTRIQUE AU NIVEAU DE LEURS EXTREMITES DISTALES**
[72] DOLD, FLORIAN, CH
[72] HENNEAU, PHILIPPE, CH
[71] INVENTIO AG, CH
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[86] 2017-01-31 (PCT/EP2017/052064)
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[54] **METHOD AND SYSTEM FOR PREDICTION OF A STATE OF AN ASSET**
[54] **PROCEDE ET SYSTEME DE PREDICTION D'UN ETAT D'UN BIEN**
[72] STRHARSKY, JUSTIN, AU
[72] BOSCI, HOURANN, AU
[72] DEL BORRELLO, MICHAEL, AU
[72] PUDDY, IAIN GEOFFREY JOHN, AU
[72] MEARES, IAN GOLDSMITH, AU
[72] BRADFORD, DANON, AU
[71] MESHNET PTY LTD, AU
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[54] **SITE-SELECTIVE FUNCTIONALIZATION OF PROTEINS USING TRACELESS AFFINITY LABELS**
[54] **FONCTIONNALISATION SELECTIVE DE SITE DE PROTEINES UTILISANT DES MARQUEURS D'AFFINITE SANS TRACE**
[72] KRANTZ, ALEXANDER, US
[72] WILCZYNSKI, ANDRZEJ, US
[71] KRANTZ, ALEXANDER, US
[71] WILCZYNSKI, ANDRZEJ, US
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[51] **Int.Cl. B66B 7/12 (2006.01) G01R 31/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETECTING NON-UNIFORM AND UNIFORM DETERIORATIONS IN A SUSPENSION MEMBER ARRANGEMENT FOR AN ELEVATOR BASED ON AC VOLTAGE MEASUREMENTS**
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE DETERIORATIONS UNIFORMES ET NON UNIFORMES DANS UN AGENCEMENT D'ELEMENTS DE SUSPENSION POUR UN ASCENSEUR EN FONCTION DE MESURES DE TENSION CA**
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[72] HENNEAU, PHILIPPE, CH
[71] INVENTIO AG, CH
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[25] EN
[54] **MACHINE AND METHOD FOR INSTALLING A COATING SHEET OVER WELDED END SECTIONS OF PIPELINE**
[54] **MACHINE ET PROCEDE POUR L'INSTALLATION D'UNE FEUILLE DE REVETEMENT SUR DES SECTIONS D'EXTREMITE SOUDEES D'UN PIPELINE**
[72] COTTRELL, TERENCE, GB
[72] HALLEZ, LOUIS-NICOLAS, GB
[72] OWEN, GARETH, GB
[72] STRIBLEY, ANDREW, GB
[71] SERIMAX HOLDINGS, FR
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[25] EN
[54] **SEALING BOLT AND METHOD OF INSTALLING A SEALING BOLT**
[54] **BOULON D'ETANCHEITE ET PROCEDE D'INSTALLATION DE BOULON D'ETANCHEITE**
[72] LITTMANN, FRANCOIS, IT
[72] SIRONI, MARCO, IT
[71] THE EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM), REPRESENTED BY THE EUROPEAN COMMISSION, BE
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[51] **Int.Cl. C10L 1/02 (2006.01) C10L 1/233 (2006.01) C10L 10/10 (2006.01)**
[25] EN
[54] **FUEL COMPOSITIONS**
[54] **COMPOSITIONS DE CARBURANT**
[72] FILIP, SORIN VASILE, GB
[71] BP OIL INTERNATIONAL LIMITED, GB
[85] 2018-08-07
[86] 2017-02-09 (PCT/EP2017/052928)
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[25] EN
[54] **FUEL COMPOSITIONS WITH ADDITIVES**
[54] **COMPOSITIONS DE CARBURANT AVEC ADDITIFS**
[72] ALI, RANA, GB
[72] FILIP, SORIN VASILE, GB
[71] BP OIL INTERNATIONAL LIMITED, GB
[85] 2018-08-07
[86] 2017-02-09 (PCT/EP2017/052931)
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[25] EN
[54] **FORMULATION AND METHOD OF USE**
[54] **FORMULATION ET PROCEDE D'UTILISATION**
[72] LEGGE, MATTHEW, AU
[71] ATP INSTITUTE PTY LTD, AU
[85] 2018-08-07
[86] 2017-02-16 (PCT/AU2017/050136)
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[51] **Int.Cl. F03B 13/20 (2006.01)**
[25] EN
[54] **DEVICE FOR CONVERTING WAVE ENERGY INTO ELECTRICAL ENERGY**
[54] **DISPOSITIF DE CONVERSION D'ENERGIE DES VAGUES EN ENERGIE ELECTRIQUE**
[72] CARBALLO ESCRIBANO, RUBEN, ES
[72] ARANDA RASCON, MIGUEL J., ES
[72] JORDA CAMPOS, CARLOS, ES
[72] GARCIA ALVAREZ, JAVIER, ES
[72] MARTIN ROMAN, HECTOR, ES
[72] MARTINEZ PEREZ, ALEJANDRO, ES
[72] DORING, FALKO, ES
[71] SMALLE TECHNOLOGIES, S.L., ES
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[25] EN
[54] **FILAMENT PRODUCTION DEVICE**
[54] **DISPOSITIF DE FABRICATION DE FILAMENTS**
[72] OECHSLE, DIETMAR, DE
[72] DAHLBERG, CHRISTIAN, DE
[72] MUELLER, ERIK, DE
[72] WIETSCHORKE, WERNER, DE
[72] KEY, STEFFEN, DE
[71] PAIL CORPORATION, US
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[25] EN
[54] **IMPROVED TREATMENT OF IMPLANTS WITH PHOSPHONIC ACID COMPOUNDS**
[54] **TRAITEMENT AMELIORE D'IMPLANTS AVEC DES COMPOSES D'ACIDE PHOSPHONIQUE**
[72] BUCHINI, SABRINA, CH
[72] CURNO, RICHARD, CH
[72] ARONSSON, BJORN-OWE, CH
[72] PECHY, PETER, CH
[71] NANO BRIDGING MOLECULES SA, CH
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[25] FR
[54] **CIRCUIT FOR DETECTING LIGHT PULSES**
[54] **CIRCUIT DE DETECTION D'IMPULSIONS LUMINEUSES**
[72] MARTINEZ, ALAIN, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
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[86] 2017-02-16 (PCT/EP2017/053570)
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[51] **Int.Cl. A61K 31/44 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **BYL719 (ALPELISIB) FOR USE IN THE TREATMENT OF PIK3CA-RELATED OVERGROWTH SPECTRUM (PROS CLOVAS SYNDROME)**
[54] **BYL719 (ALPELISIB) POUR UNE UTILISATION DANS LE TRAITEMENT DES MALADIES DE LA FAMILLE DES HYPERTROPHIES LIEES A PIK3CA (PROS - SYNDROME DE CLOVES)**
[72] CANAUD, GUILLAUME, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS (APHP), FR
[85] 2018-08-07
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[25] EN
[54] **COMBINATION OF AN ANTIALLERGIC AGENT WITH MUSCARINIC ANTAGONIST AND/OR DOPAMINERGIC AGONIST FOR USE IN PREVENTING/STOPPING OF AXIAL MYOPIA IN HUMAN**
[54] **COMBINAISON D'UN AGENT ANTIALLERGIQUE AVEC UN ANTAGONISTE MUSCARINIQUE ET/OU UN AGONISTE DOPAMINERGIQUE POUR UTILISATION DANS LA PREVENTION/L'ARRET DE LA MYOPIE AXIALE CHEZ UN HUMAIN**
[72] D'AMBROSIO, ENZO MARIA, IT
[71] D'AMBROSIO, ENZO MARIA, IT
[85] 2018-08-07
[86] 2017-02-17 (PCT/EP2017/053619)
[87] (WO2017/140846)
[30] IT (102016000017487) 2016-02-19

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[21] **3,013,847**
[13] A1
[51] **Int.Cl. B07C 5/342 (2006.01)**
[25] EN
[54] **APPARATUS FOR TREATING HORTICULTURAL PRODUCTS, SUCH AS BLUEBERRIES AND THE LIKE**
[54] **APPAREIL PERMETTANT DE TRAITER DES PRODUITS HORTICOLES TELS QUE DES MYRTILLES ET SIMILAIRES**
[72] BENEDETTI, LUCA, IT
[71] UNITEC S.P.A., IT
[85] 2018-08-07
[86] 2017-02-22 (PCT/EP2017/054066)
[87] (WO2017/144534)
[30] IT (102016000018806) 2016-02-24

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 9/00 (2006.01) A61K 38/00 (2006.01) A61K 39/00 (2006.01) C07K 16/00 (2006.01) C07K 16/06 (2006.01)**
[25] EN
[54] **TREATMENT OF SEVERE COMMUNITY ACQUIRED PNEUMONIA**
[54] **TRAITEMENT D'UNE PNEUMONIE COMMUNAUTAIRE SEVERE**
[72] LANGOHR, PATRICK, DE
[72] WARTENBERG-DEMAND, ANDREA, DE
[72] WIPPERMANN, ULRIKE, DE
[72] DAELKEN, BENJAMIN, DE
[71] BIOTEST AG, DE
[85] 2018-08-07
[86] 2017-03-13 (PCT/EP2017/055838)
[87] (WO2017/157850)
[30] EP (16160175.2) 2016-03-14
[30] EP (16185173.8) 2016-08-22

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/33 (2006.01) A61K 31/404 (2006.01) A61P 1/16 (2006.01) A61P 9/00 (2006.01) A61P 13/12 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 209/10 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01) C07D 405/04 (2006.01) C07D 413/04 (2006.01)**
[25] EN
[54] **HALOALLYLAMINE INDOLE AND AZAINDOLE DERIVATIVE INHIBITORS OF LYSYL OXIDASES AND USES THEREOF**
[54] **INHIBITEURS DE LYSYL OXYDASES DERIVES D'HALOGENOALLYLAMINE INDOLE ET AZAINDOLE ET LEURS UTILISATIONS**
[72] FINDLAY, ALISON DOROTHY, AU
[72] TURNER, CRAIG IVAN, AU
[72] DEODHAR, MANDAR, AU
[72] FOOT, JONATHAN STUART, AU
[72] JAROLIMEK, WOLFGANG, AU
[72] ZHOU, WENBIN, AU
[72] ROBERTSON, ALAN DUNCAN, AU
[71] PHARMAXIS LTD., AU
[85] 2018-08-07
[86] 2017-02-10 (PCT/AU2017/000039)
[87] (WO2017/136870)
[30] AU (2016900478) 2016-02-12
[30] AU (2016902593) 2016-07-01

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[21] **3,013,852**
[13] A1
[51] **Int.Cl. E02D 27/42 (2006.01)**
[25] EN
[54] **FOUNDATION FOR A WIND MILL**
[54] **FONDATION POUR EOLIENNE**
[72] SCHULDT, CHRISTIAN, CH
[72] STECHER, ARNE, CH
[71] HOLCIM TECHNOLOGY LTD, CH
[85] 2018-08-07
[86] 2017-02-01 (PCT/IB2017/000064)
[87] (WO2017/141095)
[30] AT (A 88/2016) 2016-02-18

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[13] A1
[51] **Int.Cl. E02D 27/42 (2006.01)**
[25] EN
[54] **FOUNDATION FOR A WIND MILL**
[54] **FONDATION POUR EOLIENNE**
[72] SCHULDT, CHRISTIAN, CH
[72] STECHER, ARNE, CH
[71] HOLCIM TECHNOLOGY LTD, CH
[85] 2018-08-07
[86] 2017-02-13 (PCT/IB2017/000103)
[87] (WO2017/141098)
[30] AT (A 87/2016) 2016-02-18

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[21] **3,013,856**
[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **PROGRESSIVE POWER INTRAOCULAR LENS, AND METHODS OF USE AND MANUFACTURE**
[54] **LENTILLE INTRAOCULAIRE PROGRESSIVE ET SES PROCEDES D'UTILISATION ET DE FABRICATION**
[72] CANOVAS VIDAL, CARMEN, NL
[72] ALARCON HEREDIA, AIXA, NL
[72] PIERS, PATRICIA ANN, NL
[72] WEEBER, HENDRIK A., NL
[71] AMO GRONINGEN B.V., NL
[85] 2018-08-07
[86] 2017-02-09 (PCT/IB2017/000164)
[87] (WO2017/137839)
[30] US (62/293,258) 2016-02-09

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[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **PROGRESSIVE POWER INTRAOCULAR LENS, AND METHODS OF USE AND MANUFACTURE**
[54] **LENTILLE INTRAOCULAIRE PROGRESSIVE ET SES PROCEDES D'UTILISATION ET DE FABRICATION**
[72] CANOVAS VIDAL, CARMEN, NL
[72] ALARCON HEREDIA, AIXA, NL
[72] PIERS, PATRICIA ANN, NL
[72] WEEBER, HENDRIK A., NL
[71] AMO GRONINGEN B.V., NL
[85] 2018-08-07
[86] 2017-02-09 (PCT/IB2017/000170)
[87] (WO2017/137840)
[30] US (62/293,258) 2016-02-09

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[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **PROGRESSIVE POWER INTRAOCULAR LENS, AND METHODS OF USE AND MANUFACTURE**
[54] **LENTILLE INTRAOCULAIRE PROGRESSIVE ET SES PROCEDES D'UTILISATION ET DE FABRICATION**
[72] CANOVAS VIDAL, CARMEN, NL
[72] ALARCON HEREDIA, AIXA, NL
[72] PIERS, PATRICIA ANN, NL
[72] WEEBER, HENDRIK A., NL
[71] AMO GRONINGEN B.V., NL
[85] 2018-08-07
[86] 2017-02-09 (PCT/IB2017/000173)
[87] (WO2017/137841)
[30] US (62/293,258) 2016-02-09

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[13] A1
[51] **Int.Cl. A01N 1/00 (2006.01) A61K 33/00 (2006.01) A61L 27/36 (2006.01) A61L 27/52 (2006.01) C12M 1/04 (2006.01) C12M 3/06 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING OXYGEN TO TRANSPLANTED CELLS**
[54] **SYSTEMES ET PROCEDES POUR ALIMENTER EN OXYGENE DES CELLULES TRANSPLANTEES**
[72] ROTEM, AVI, IL
[72] AVNI, YUVAL, IL
[71] BETA-02 TECHNOLOGIES LTD., IL
[85] 2018-08-07
[86] 2017-02-07 (PCT/IB2017/000175)
[87] (WO2017/137842)
[30] US (62/292,623) 2016-02-08

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[21] **3,013,861**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **TREATMENT OF TRICUSPID INSUFFICIENCY**
[54] **TRAITEMENT DE L'INSUFFISANCE TRICUSPIDE**
[72] DANINO, AMIR, IL
[71] INNOVENTRIC LTD., IL
[85] 2018-08-07
[86] 2017-02-01 (PCT/IB2017/050534)
[87] (WO2017/137868)
[30] US (62/292,422) 2016-02-08

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[13] A1
[51] **Int.Cl. F01C 1/00 (2006.01) F04F 13/00 (2009.01) F01K 27/00 (2006.01)**
[25] EN
[54] **GAS EXPANSION DEVICE AND METHOD FOR EXPANDING GAS**
[54] **DISPOSITIF D'EXPANSION DE GAZ ET PROCEDE D'EXPANSION DE GAZ**
[72] OHMAN, HENRIK, BE
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2018-08-03
[86] 2017-02-13 (PCT/BE2017/000011)
[87] (WO2017/143408)
[30] US (62/298,682) 2016-02-23
[30] BE (2017/5006) 2017-01-09

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[21] **3,013,868**
[13] A1
[51] **Int.Cl. C11D 3/22 (2006.01)**
[25] EN
[54] **FOAM BOOSTING SACCHARIDE BLEND**
[54] **MELANGE DE SACCHARIDES RENFORCANT LA MOUSSE**
[72] BUTZ, SHANNON SMITH, US
[72] PATEL, AMIT, US
[71] COAST SOUTHWEST, INC., US
[85] 2018-08-07
[86] 2017-02-08 (PCT/IB2017/050687)
[87] (WO2017/137905)
[30] US (62/293,259) 2016-02-09

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[21] **3,013,869**
[13] A1
[51] **Int.Cl. C12N 1/12 (2006.01)**
[25] EN
[54] **CHLORELLA VULGARIS PLANKTON STRAIN FOR OBTAINING FOOD BIOMASS**
[54] **SOUCHE DE PLANCTON CHLORELLA VULGARIS DESTINEE A PRODUIRE DE LA BIOMASSE ALIMENTAIRE**
[72] GRABARNIK, VLADIMIR EFIMOVICH, RU
[72] KARELIN, NIKOLAI VIKTOROVICH, RU
[72] BOGDANOV, NIKOLAI IVANOVICH, RU
[71] GRABARNIK, VLADIMIR EFIMOVICH, RU
[85] 2018-08-03
[86] 2018-03-22 (PCT/RU2018/000180)
[87] (WO2018/135976)
[30] RU (2017111369) 2017-04-05

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[21] **3,013,872**
[13] A1
[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/06 (2006.01)**
[25] EN
[54] **INFUSION ASSEMBLY AND SYSTEM FOR THE PREPARATION OF BEVERAGES WITH THE USE OF CAPSULES OR THE LIKE**
[54] **ENSEMBLE ET SYSTEME D'INFUSION POUR LA PREPARATION DE BOISSONS AVEC UTILISATION DE CAPSULES OU SIMILAIRE**
[72] BOLOGNESE, DANILO, IT
[72] CABILLI, ALBERTO, IT
[72] BORELLO, LUISA ANNA, IT
[71] LUIGI LAVAZZA S.P.A., IT
[85] 2018-08-07
[86] 2017-02-10 (PCT/IB2017/050730)
[87] (WO2017/137933)
[30] IT (102016000014612) 2016-02-12

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[13] A1
[51] **Int.Cl. H04R 1/40 (2006.01)**
[25] EN
[54] **MICROPHONE PROBE, METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR AUDIO SIGNALS PROCESSING**
[54] **SONDE DE MICROPHONE, PROCEDE, SYSTEME ET PRODUIT-PROGRAMME D'ORDINATEUR POUR LE TRAITEMENT DE SIGNAUX AUDIO**
[72] ZERNICKI, TOMASZ, PL
[72] KURC, MACIEJ, PL
[72] CHRYSZCZANOWICZ, MARCIN, PL
[72] ZAMOJSKI, JAKUB, PL
[72] MAKARUK, PIOTR, PL
[72] SZCZECHOWIAK, PIOTR, PL
[72] JANUSZKIEWICZ, LUKASZ, PL
[71] ZYLIA SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA, PL
[85] 2018-08-07
[86] 2017-02-09 (PCT/IB2017/050714)
[87] (WO2017/137921)
[30] PL (PL416068) 2016-02-09
[30] PL (PL417913) 2016-07-11

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[13] A1
[51] **Int.Cl. E21B 43/295 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **IN-SITU PROCESS TO PRODUCE HYDROGEN FROM UNDERGROUND HYDROCARBON RESERVOIRS**
[54] **PROCEDE IN SITU POUR LA PRODUCTION D'HYDROGENE A PARTIR DE RESERVOIRS D'HYDROCARBURES SOUTERRAINS**
[72] GATES, IAN D., CA
[72] WANG, JINGYI (JACKY), CA
[71] PROTON TECHNOLOGIES INC., VG
[85] 2018-08-07
[86] 2017-02-07 (PCT/CA2017/050135)
[87] (WO2017/136924)
[30] US (62/292,556) 2016-02-08

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/192 (2006.01) A61K 31/4709 (2006.01) A61K 47/34 (2017.01)**
[25] EN
[54] **NON-INVASIVE OCULAR DRUG DELIVERY INSERT TECHNOLOGY**
[54] **TECHNOLOGIE NON INVASIVE DE TYPE INSERT POUR L'ADMINISTRATION OCULAIRE DE MEDICAMENTS**
[72] MOTA LEITE MACHADO MARIZ, MARCOS JOAO, PT
[72] NUNES FERREIRA CALVINHO, PAULA CRISTINA, PT
[72] MENDES GIL, MARIA HELENA, PT
[72] NETO MURTA, JOAQUIM CARLOS, PT
[71] UNIVERSIDADE DE COIMBRA, PT
[85] 2018-08-07
[86] 2017-02-10 (PCT/IB2017/050731)
[87] (WO2017/137934)
[30] PT (109154) 2016-02-12

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[13] A1
[51] **Int.Cl. A61K 47/54 (2017.01) A61K 47/69 (2017.01) A61K 31/337 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **THERAPEUTIC NANOPARTICLES COMPRISING A THERAPEUTIC AGENT AND METHODS OF MAKING AND USING SAME**
[54] **NANOPARTICULES THERAPEUTIQUES COMPRENANT UN AGENT THERAPEUTIQUE, ET PROCEDES DE FABRICATION ET METHODES D'UTILISATION DE CES DERNIERES**
[72] ZALE, STEPHEN E., US
[71] PFIZER INC., US
[85] 2018-08-07
[86] 2017-02-10 (PCT/IB2017/050762)
[87] (WO2017/137953)
[30] US (62/293,617) 2016-02-10

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[13] A1
[51] **Int.Cl. A61K 31/417 (2006.01) A61K 39/395 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **HISTAMINE DIHYDROCHLORIDE COMBINATIONS AND USES THEREOF**
[54] **COMBINAISONS DE DICHLORHYDRATE D'HISTAMINE ET UTILISATIONS CORRESPONDANTES**
[72] MARTNER, ANNA, SE
[72] EWALD SANDER, FRIDA, SE
[72] BERGH THOREN, FREDRIK, SE
[72] HELLSTRAND, KRISTOFFER, SE
[72] WIKTORIN GRAUERS, HANNA, SE
[71] IMMUNE PHARMACEUTICALS LTD., IL
[85] 2018-08-07
[86] 2017-02-08 (PCT/IL2017/050160)
[87] (WO2017/137989)
[30] US (62/292,397) 2016-02-08

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[13] A1
[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/08 (2006.01) A61P 3/08 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **SOMATOSTATIN RECEPTOR ANTAGONIST COMPOUNDS AND METHODS OF USING THE SAME**
[54] **COMPOSES ANTAGONISTES DU RECEPTEUR DE LA SOMATOSTATINE ET PROCEDES D'UTILISATION ASSOCIES**
[72] ARNS, STEPHEN PAUL, CA
[72] JAQUITH, JAMES BRIAN, CA
[72] BAUDELET, DAVY JEREMY, CA
[72] SIMONSON, ERIC ROY, CA
[72] LIGGINS, RICHARD TOM, CA
[72] KUMAR, NAG SHARWAN, CA
[72] HSIEH, TOM HAN HSIAO, CA
[71] CDRD VENTURES INC., CA
[85] 2018-08-07
[86] 2017-02-09 (PCT/CA2017/050156)
[87] (WO2017/136943)
[30] US (62/293,216) 2016-02-09

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[13] A1
[51] **Int.Cl. G01R 29/08 (2006.01) G01R 31/34 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL SURFACE POTENTIAL DISTRIBUTION MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE DE DISTRIBUTION DE POTENTIEL DE SURFACE TRIDIMENSIONNEL**
[72] FURUKAWA, MASAAKI, JP
[72] YOSHIMITSU, TETSUO, JP
[72] TSUBOI, YUICHI, JP
[72] HIDAKA, KUNIHIKO, JP
[72] KUMADA, AKIKO, JP
[72] IKEDA, HISATOSHI, JP
[71] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[71] THE UNIVERSITY OF TOKYO, JP
[85] 2018-08-07
[86] 2016-02-08 (PCT/JP2016/000643)
[87] (WO2017/138034)

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[13] A1
[51] **Int.Cl. B23K 35/368 (2006.01) B23K 35/30 (2006.01)**
[25] EN
[54] **FLUX-CORED WIRE, MANUFACTURING METHOD OF WELDED JOINT, AND WELDED JOINT**
[54] **FIL A COEUR DE FLUX, PROCEDE DE FABRICATION DE RACCORD SOUDE ET RACCORD SOUDE**
[72] WATANABE, KOTARO, JP
[72] KUMAGAI, TATSUYA, JP
[72] FUJIMOTO, HIROKI, JP
[72] TOTSUKA, YASUHITO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-08-07
[86] 2016-03-08 (PCT/JP2016/057242)
[87] (WO2017/154120)

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 17/72 (2006.01) A61B 17/90 (2006.01)**
[25] EN
[54] **POSITIONING AND ALIGNMENT INSTRUMENT FOR INTRODUCING SURGICAL DEVICES INTO BONE**
[54] **INSTRUMENT DE POSITIONNEMENT ET D'ALIGNEMENT POUR INTRODUIRE DES DISPOSITIFS CHIRURGICAUX DANS UN OS**
[72] EBRAHIMI, HAMID, CA
[72] WHYNE, CARI MARISA, CA
[72] YEE, ALBERT J.M., CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
[85] 2018-08-07
[86] 2017-02-17 (PCT/CA2017/050216)
[87] (WO2017/139901)
[30] US (62/297,571) 2016-02-19

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[13] A1
[51] **Int.Cl. E04B 1/58 (2006.01) E04B 1/26 (2006.01)**
[25] EN
[54] **CONSTRUCTION AND METHOD FOR CONSTRUCTING SAME**
[54] **BATIMENT ET SON PROCEDE DE CONSTRUCTION**
[72] MORI, KAZUHIKO, JP
[72] NAGAYOSHI, MORIYASU, JP
[71] IIDA SANGYO CO., LTD., JP
[85] 2018-08-07
[86] 2017-11-20 (PCT/JP2017/041645)
[87] (WO2018/101101)
[30] JP (2016-232415) 2016-11-30

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[13] A1
[51] **Int.Cl. B65G 47/38 (2006.01) B65G 17/34 (2006.01)**
[25] EN
[54] **CONVEYOR DEVICE**
[54] **DISPOSITIF DE TRANSPORTEUR**
[72] FUJIO, YOSHIHIKO, JP
[71] DAIFUKU CO., LTD., JP
[85] 2018-08-07
[86] 2017-02-13 (PCT/JP2017/005108)
[87] (WO2017/141865)
[30] JP (2016-029439) 2016-02-19

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/12 (2006.01) B65G 53/46 (2006.01)**
[25] EN
[54] **ROTOR ASSEMBLY, METHOD, FEEDER DEVICE AND AGRICULTURAL IMPLEMENT FOR FEEDING GRANULAR OR POWDER MATERIAL**
[54] **ENSEMBLE ROTOR, PROCEDE, DISPOSITIF D'ALIMENTATION ET OUTIL AGRICOLE POUR FOURNIR UNE MATIERE GRANULAIRE OU EN POUDRE**
[72] GILSTRING, GERT, SE
[71] VADERSTAD HOLDING AB, SE
[85] 2018-08-07
[86] 2017-02-07 (PCT/SE2017/050112)
[87] (WO2017/138867)
[30] SE (1650153-8) 2016-02-08

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[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) A61K 48/00 (2006.01) C07H 21/04 (2006.01) C12Q 1/68 (2018.01) G01N 33/566 (2006.01)**
[25] EN
[54] **TREATMENT AND DIAGNOSIS OF INFLAMMATORY DISORDERS**
[54] **TRAITEMENT ET DIAGNOSTIC DE TROUBLES INFLAMMATOIRES**
[72] ZHU, ZHENGLUN, US
[72] GAO, HONG, US
[71] ZHU, ZHENGLUN, US
[71] GAO, HONG, US
[85] 2018-08-07
[86] 2017-01-31 (PCT/US2017/015775)
[87] (WO2017/136322)
[30] US (62/291,271) 2016-02-04

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[13] A1
[51] **Int.Cl. A01M 1/20 (2006.01) A01M 1/00 (2006.01) A01M 1/02 (2006.01) A01M 1/04 (2006.01) A01M 1/10 (2006.01) A01M 1/14 (2006.01) A01M 13/00 (2006.01)**
[25] EN
[54] **COVERED LIQUID GRAVITY FEED ANT ELIMINATION SYSTEM AND COVER ASSEMBLIES FOR BIOLOGICAL INSECT PEST CONTROL**
[54] **SYSTEME COUVERT D'ELIMINATION DE FOURMIS D'UN LIQUIDE ALIMENTE PAR GRAVITE ET ENSEMBLE COUVERCLE DESTINE A LA REGULATION BIOLOGIQUE D'INSECTES RAVAGEURS**
[72] KUPFER, KENNETH J., US
[72] MCMANUS, ROBERT E., US
[71] KM INVESTORS, LLC, US
[85] 2018-08-07
[86] 2016-09-16 (PCT/US2016/052113)
[87] (WO2017/142594)
[30] US (62/389,013) 2016-02-16
[30] US (15/190,661) 2016-06-23

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[13] A1
[51] **Int.Cl. G01N 33/569 (2006.01) A61K 39/02 (2006.01) A61K 39/04 (2006.01) A61K 39/395 (2006.01) C07K 16/12 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **NOVEL ANTI-LAM AND ANTI-PIM6/LAM MONOCLONAL ANTIBODIES FOR DIAGNOSIS AND TREATMENT OF MYCOBACTERIUM TUBERCULOSIS INFECTIONS**
[54] **NOUVEAUX ANTICORPS MONOCLONAUX ANTI-LAM ET ANTI-PIM6/LAM POUR LE DIAGNOSTIC ET LE TRAITEMENT D'INFECTIONS PAR LE BACILLE DE KOCH**
[72] PINTER, ABRAHAM, US
[72] PATEL, DEENDAYAL, US
[72] CHOUDHARY, ALOK, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2018-08-07
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[87] (WO2017/139153)
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[54] **APPAREIL PRESSE-AGRUMES**
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[54] **APPAREIL ROTATIF POUR MONTER UN ARTICLE**
[72] GALE, BRIAN D., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **UNITE DE VERRE ISOLEE SOUS VIDE COMPORTANT UN JOINT VERRE-METAL, ET SES PROCEDES D'ASSEMBLAGE**
[72] STARK, DAVID H., US
[72] THOMSEN, SCOTT V., US
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[54] **TRANCHEUSE DE PRODUITS ET MECANISME DE MISE EN PRISE DE TRANCHEUSE AUTOMATIQUE**
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[72] DIERAUER, PETER, US
[71] GLOBE FOOD EQUIPMENT COMPANY, US
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[54] **EMETTEUR TRANSPARENT DE SYSTEME THERMOPHOTOVOLTAIQUE A ESPACE MICROMETRIQUE RADIATIF**
[72] HUBERT, BRIAN N., US
[72] ZHANG, BIN, US
[72] BROWN, ERIC L., US
[72] SCHUYLER, TIMOTHY R., US
[72] MATHER, DAVID, US
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[54] **SOLUTION DE BLOCAGE DE CATHETER ET THERAPIE DE BLOCAGE DE CATHETER**
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[72] BROZANSKI, BENJAMIN R., US
[72] PAGANO, LISA, US
[72] BENNETT, JEFFREY S., US
[71] MEDICAL COMPONENTS, INC., US
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[54] **ENSEMBLE FORMANT RECIPIENT COMPORTANT UN ENSEMBLE DE CELLULES DANS CELUI-CI ET PROCEDES DE FORMATION DE CELUI-CI**
[72] KORTMAN, CALVIN JAY, US
[71] ITB PACKAGING LLC, US
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[54] **COMPOSITIONS DE LIGASES MULTIPLE, SYSTEMES ET PROCEDES**
[72] ZHENG, YU, US
[72] HONG, MANQING, US
[71] RGENE, INC., US
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[54] **INHIBITEURS QUINOLINONE DE LA LYSYL OXYDASE-LIKE 2 ET UTILISATIONS DESDITS INHIBITEURS**
[72] ROWBOTTOM, MARTIN W., US
[72] HUTCHINSON, JOHN HOWARD, US
[71] PHARMAKEA, INC., US
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[54] **RECHERCHE DE CELLULES DE COMMUNICATION SANS FIL A BANDE ETROITE**
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[72] XU, HAO, US
[72] CHEN, WANSHI, US
[72] WANG, XIAO FENG, US
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[54] **SYSTEME D'ALERTE DE SECURITE BASE SUR LA LOCALISATION**
[72] D'AMICO, JOSEPH N., US
[71] SECURITY SERVICES NORTHWEST, INC., US
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[54] **NANOCOLLE D'HYDROGEL DE POLYMERE BIOADHESIF DENDRIMERE ET SON UTILISATION**
[72] RANGARAMANUJAM, KANNAN, US
[72] STARK, WALTER, US
[72] KAMBHAMPATI, SIVA PRAMODH, US
[72] SOIBERMAN, URI, US
[72] YIU, SAMUEL, US
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[54] **SYSTEME DE FOURNITURE AUTOMATIQUE DE POTS DE MIEL**
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[72] SHIRLEY, MARK R., US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **PANNEAU ISOLE SOUS VIDE A BASE D'UN MATERIAU CENTRAL ALTERNATIF**
[72] RAY, SUMAN SINHA, US
[72] RAO, AJITH, US
[71] UNITED STATES GYPSUM COMPANY, US
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[54] **SYSTEM AND METHOD FOR THE VISUALIZATION AND CHARACTERIZATION OF OBJECTS IN IMAGES**
[54] **SYSTEME ET PROCEDE DE VISUALISATION ET DE CARACTERISATION D'OBJETS DANS DES IMAGES**
[72] RAMSAY, THOMAS E., US
[72] RAMSAY, EUGENE B., US
[71] IMAGO SYSTEMS, INC., US
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[54] **PIPERIDINES HALOSUBSTITUEES EN TANT QUE MODULATEURS DE RECEPTEUR DES OREXINES**
[72] KAMENECKA, THEODORE M., US
[72] HOLENZ, JORG, US
[72] WESOLOWSKI, STEVEN, US
[72] HE, YUANJUN, US
[72] BURLI, ROLAND, GB
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[54] **SYSTEMS AND METHODS FOR ALLOWING A USER TO ACCESS BLOCKED MEDIA**
[54] **SYSTEMES ET PROCEDES POUR PERMETTRE A UN UTILISATEUR D'ACCEDER A UN CONTENU MULTIMEDIA BLOQUE**
[72] HARB, REDA, US
[71] ROVI GUIDES, INC., US
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[54] **CONTENANTS DE REFROIDISSEMENT ET D'HYDRATATION ET PROCEDES D'UTILISATION ASSOCIES**
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[72] WILLCOX, J.D., US
[72] BURR, DOUG C., US
[72] BRAVO, PABLO, US
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[72] MCNEEL, DOUG, US
[72] LESNIEWSKI, RICHARD, US
[71] MADISON VACCINES INC., US
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[54] **PROCEDE DE TRANSCRIPTION D'ARN SPECIFIQUE CIBLE DE SEQUENCES D'ADN**
[72] BROWN, KEITH, US
[71] JUMPCODE GENOMICS, INC., US
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[54] **OUTIL DE POSITIONNEMENT POUR DISPOSITIF DE MARQUAGE**
[72] LANQUETE, PHILIPPE, FR
[72] FAFOURNOUX, ALEXIS, FR
[71] ADHETEC, FR
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[72] ULMER, CHRISTOPHER T., US
[71] PHYSICAL OPTICS CORPORATION, US
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[54] **INSTRUMENT D'ECRITURE A ASSEMBLAGE AUTOBLOQUANT**
[72] MALINVERNI, SAMUEL, FR
[72] BEZ, ARNAUD, FR
[71] SOCIETE BIC, FR
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[54] **COMPOSITION POLYMERISABLE DE FAIBLE VISCOSITE PRECURSEUR DE MATERIAUX RENFORCES A L'IMPACT**
[72] INOUBLI, RABER, FR
[72] BOURRIGAUD, SYLVAIN, FR
[72] REY, CATHY, FR
[72] BOURROUSSE, CHARLES, FR
[71] ARKEMA FRANCE, FR
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[54] **FORMULATIONS EN SUSPENSION DE ST-246 (TECOVIRIMAT MONOHYDRATE)**
[72] TYAVANAGIMATT, SHANTHAKUMAR R., US
[72] HOLT, KRIS, US
[72] TAN, YING, US
[72] ANDERSON, MELIALANI A.C.L.S., US
[72] HRUBY, DENNIS E., US
[71] SIGA TECHNOLOGIES, INC., US
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[54] **CORRECTION DE DISTORSION D'IMAGES IRM MULTIPLES SUR LA BASE D'UNE IMAGE DE REFERENCE DE CORPS ENTIER**
[72] ATTARIWALA, RAJPAUL, CA
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[54] **TENSION FED FASTENER INSTALLATION TOOL AND RELATED METHODS OF USE**
[54] **OUTIL D'INSTALLATION D'ELEMENT DE FIXATION ALIMENTE EN TENSION MECANIQUE ET PROCEDES D'UTILISATION ASSOCIES**
[72] VANDENBERG, ROGER A., US
[71] NATIONAL NAIL CORP., US
[85] 2018-08-07
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[30] US (62/297,161) 2016-02-19
[30] US (62/399,663) 2016-09-26
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[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF SINUS DISEASE AND DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DES TROUBLES ET DES PATHOLOGIES DES SINUS**
[72] BARBALATT, SAM, AU
[71] ENT TECHNOLOGIES PTY LTD, AU
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[54] **DECEPTION DETECTION SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE DETECTION DE MENSONGE**
[72] LEE, KANG, CA
[72] ZHENG, PU, CA
[71] NURALOGIX CORPORATION, CA
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[25] EN
[54] **METHODS AND TEST KITS FOR DETERMINING MALE FERTILITY STATUS**
[54] **PROCEDES ET TROUSSES D'ESSAI POUR DETERMINER LE STATUT DE FERTILITE MASCULINE**
[72] TRAVIS, ALEXANDER J., US
[72] CARDONA, CRISTINA, US
[72] MOODY, MELISSA A., US
[72] SIMPSON, ALANA J., US
[72] OSTERMEIER, G. CHARLES, US
[71] ANDROVIA LIFE SCIENCES LLC, US
[85] 2018-08-07
[86] 2017-02-17 (PCT/US2017/018325)
[87] (WO2017/143157)
[30] US (62/296,420) 2016-02-17
[30] US (62/322,252) 2016-04-14
[30] US (62/328,890) 2016-04-28

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[13] A1
[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/433 (2011.01) H04N 21/44 (2011.01) H04N 21/458 (2011.01) H04N 21/6336 (2011.01) H04N 21/81 (2011.01) H04N 21/845 (2011.01)**
[25] EN
[54] **A METHOD FOR DELIVERING AND PRESENTING TARGETED ADVERTISEMENTS WITHOUT THE NEED FOR TIME SYNCHRONIZED CONTENT STREAMS**
[54] **PROCEDE DE DISTRIBUTION ET DE PRESENTATION D'ANNONCES PUBLICITAIRES CIBLEES SANS LA NECESSITE DE FLUX DE CONTENU SYNCHRONISES DANS LE TEMPS**
[72] SELLERS, SCOTT D., US
[72] ELCOCK, ALBERT F., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2018-08-07
[86] 2017-02-17 (PCT/US2017/018453)
[87] (WO2017/143244)
[30] US (62/296,225) 2016-02-17
[30] US (15/436,306) 2017-02-17

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[13] A1
[51] **Int.Cl. G02B 21/00 (2006.01) G01N 33/483 (2006.01) G02B 21/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IMPROVING LATERAL RESOLUTION IN OPTICAL SCANNING MICROSCOPY**
[54] **PROCEDE ET SYSTEME D'AMELIORATION DE RESOLUTION LATERALE DE MICROSCOPIE A BALAYAGE OPTIQUE**
[72] THIBON, LOUIS, CA
[72] DE KONINCK, YVES, CA
[72] PICHE, MICHEL, CA
[71] UNIVERSITE LAVAL, CA
[85] 2018-08-08
[86] 2017-02-15 (PCT/CA2017/050195)
[87] (WO2017/139885)
[30] US (62/295,819) 2016-02-16

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[13] A1
[51] **Int.Cl. G01S 19/47 (2010.01) G01S 19/53 (2010.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LONG BASELINE ACCELEROMETER/GNSS NAVIGATION**
[54] **SYSTEME ET PROCEDE POUR ACCELEROMETRE/NAVIGATION PAR GNSS A LIGNE DE BASE LONGUE**
[72] BOBYE, MICHAEL, CA
[72] FENTON, PATRICK, CA
[71] NOVATEL INC., CA
[85] 2018-08-08
[86] 2016-12-19 (PCT/CA2016/051508)
[87] (WO2017/181261)
[30] US (15/136,247) 2016-04-22

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[51] **Int.Cl. A61B 5/145 (2006.01) G06Q 30/02 (2012.01) A61B 3/113 (2006.01) A61B 5/16 (2006.01) G06F 15/18 (2006.01) G06K 9/78 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING INVISIBLE HUMAN EMOTION IN A RETAIL ENVIRONMENT**
[54] **SYSTEME ET PROCEDE DE DETECTION D'EMOTION HUMAINE INVISIBLE DANS UN ENVIRONNEMENT DE VENTE AU DETAIL**
[72] LEE, KANG, CA
[72] ZHENG, PU, CA
[71] NURALOGIX CORPORATION, CA
[85] 2018-08-08
[86] 2017-02-08 (PCT/CA2017/050140)
[87] (WO2017/136928)
[30] US (62/292,574) 2016-02-08

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[13] A1
[51] **Int.Cl. E21B 7/04 (2006.01)**
[25] EN
[54] **DIRECTIONAL BORING DEVICE AND METHOD FOR CALIBRATING SAME**
[54] **APPAREIL DE FORAGE DIRIGE ET PROCEDE D'ETALONNAGE DUDIT APPAREIL**
[72] VORHOFF, WERNER, DE
[71] SMART DRILLING GMBH, DE
[85] 2018-08-08
[86] 2017-02-08 (PCT/DE2017/000035)
[87] (WO2017/137025)
[30] DE (10 2016 001 780.5) 2016-02-08

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[51] **Int.Cl. A61K 36/66 (2006.01) A01N 65/06 (2009.01) A01N 65/08 (2009.01) A01N 31/08 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01) A61K 36/14 (2006.01) A61K 36/53 (2006.01) A61K 36/61 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01)**
[25] EN
[54] **HERBAL COMPOSITIONS AND METHODS FOR THE PREVENTION AND TREATMENT OF PLANT OR NAIL INFECTIONS**
[54] **COMPOSITIONS A BASE DE PLANTES ET PROCEDES DE PREVENTION ET DE TRAITEMENT D'INFECTIONS DE PLANTES OU D'INFECTIONS UNGUEALES**
[72] CHAMBERLAND, GUY, CA
[72] LEE, WILLIAM, CA
[71] MONDIAS NATURELS INC., CA
[85] 2018-08-08
[86] 2017-02-08 (PCT/CA2017/050142)
[87] (WO2017/136930)
[30] US (62/292,608) 2016-02-08
[30] US (62/293,479) 2016-02-10
[30] US (62/293,519) 2016-02-10

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[51] **Int.Cl. G06Q 30/02 (2012.01) A61B 3/113 (2006.01) A61B 5/145 (2006.01) G06F 15/18 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONDUCTING ONLINE MARKET RESEARCH**
[54] **SYSTEME ET PROCEDE PERMETTANT DE REALISER UNE ETUDE DE MARCHE EN LIGNE**
[72] LEE, KANG, CA
[72] ZHENG, PU, CA
[71] NURALOGIX CORPORATION, CA
[85] 2018-08-08
[86] 2017-02-08 (PCT/CA2017/050143)
[87] (WO2017/136931)
[30] US (62/292,583) 2016-02-08

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[51] **Int.Cl. C12N 15/63 (2006.01) A61K 47/66 (2017.01) A61K 39/02 (2006.01) A61K 39/385 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 14/195 (2006.01) C12N 15/00 (2006.01) C12N 15/31 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **SLAM POLYNUCLEOTIDES AND POLYPEPTIDES AND USES THEREOF**
[54] **POLYNUCLEOTIDES ET POLYPEPTIDES SLAM ET LEURS UTILISATIONS**
[72] MORAES, TREVOR F., CA
[72] LAI, CHRISTINE CHIEH-LIN, CA
[72] HOODA, YOGESH, CA
[72] JUDD, ANDREW, CA
[72] SCHRYVERS, ANTHONY B., CA
[72] GRAY-OWEN, SCOTT D., CA
[71] ENGINEERED ANTIGENS INC., CA
[85] 2018-08-08
[86] 2017-02-10 (PCT/CA2017/050160)
[87] (WO2017/136947)
[30] US (62/293,491) 2016-02-10

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[51] **Int.Cl. C10C 3/02 (2006.01) C08J 3/20 (2006.01) C08J 11/10 (2006.01) C08L 91/06 (2006.01) C08L 95/00 (2006.01)**
[25] EN
[54] **POLYMER-MODIFIED ASPHALT WITH WAX ADDITIVE**
[54] **ASPHALTE MODIFIE AVEC UN POLYMERE POSSEDANT UN ADDITIF CIREUX**
[72] DIMONDO, DOMENIC, CA
[72] GUILLON, CHRIS, CA
[71] GREENMANTRA RECYCLING TECHNOLOGIES LTD., CA
[85] 2018-08-08
[86] 2017-02-13 (PCT/CA2017/050172)
[87] (WO2017/136957)
[30] US (62/295,035) 2016-02-13

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[13] A1
[51] **Int.Cl. G01R 22/10 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **MEASURING TRANSDUCER**
[54] **TRANSFORMATEUR DE MESURE**
[72] RIEMENSCHNEIDER, HOLGER, DE
[72] CATER, STEPHAN, DE
[72] WAFFNER, JURGEN, DE
[71] INNOGY SE, DE
[85] 2018-08-08
[86] 2016-10-26 (PCT/EP2016/075758)
[87] (WO2017/148547)
[30] DE (10 2016 103 556.4) 2016-02-29

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[13] A1
[51] **Int.Cl. C22C 21/12 (2006.01) C22C 21/14 (2006.01) C22C 21/18 (2006.01) C22F 1/057 (2006.01)**
[25] EN
[54] **AL-CU-LI-MG-MN-ZN ALLOY WROUGHT PRODUCT**
[54] **PRODUIT D'ALLIAGE CORROYE A BASE D'AL-CU-LI-MG-MN-ZN**
[72] SCHNITTGER, SVEN, DE
[71] ALERIS ROLLED PRODUCTS GERMANY GMBH, DE
[85] 2018-08-08
[86] 2017-01-26 (PCT/EP2017/051595)
[87] (WO2017/137260)
[30] EP (16154856.5) 2016-02-09

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[13] A1
[51] **Int.Cl. F04B 35/04 (2006.01) F04B 49/06 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A STATIONARY HYDRAULIC PUMPING SYSTEM, AND CORRESPONDING CONTROL DEVICE AND PUMPING SYSTEM**
[54] **PROCEDE POUR COMMANDER UN SYSTEME DE POMPAGE HYDRAULIQUE STATIONNAIRE, ET DISPOSITIF DE COMMANDE ET SYSTEME DE POMPAGE CORRESPONDANTS**
[72] URIONA, LEONARDO, DE
[72] KLEIN, MANUEL, DE
[72] EICHSTETTER, EDWARD, DE
[71] EKU POWER DRIVES GMBH, DE
[85] 2018-08-08
[86] 2017-02-03 (PCT/EP2017/052345)
[87] (WO2017/137317)
[30] DE (10 2016 102 220.9) 2016-02-09

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[13] A1
[51] **Int.Cl. E04C 5/07 (2006.01) B29C 35/08 (2006.01) B29C 70/52 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING ANCHOR RODS FROM A FIBER COMPOSITE MATERIAL, AS WELL AS ANCHOR ROD**
[54] **PROCEDE DE FABRICATION DE BARRES D'ANCRAGE A PARTIR D'UN MATERIAU COMPOSITE RENFORCE DE FIBRES ET BARRE D'ANCRAGE**
[72] PLANERT, ANDREAS, DE
[71] LEONHARDT, ANDRA UND PARTNER BERATENDE INGENIEURE VBI AG, DE
[85] 2018-08-08
[86] 2017-02-03 (PCT/EP2017/052327)
[87] (WO2017/137313)
[30] DE (10 2016 102 194.6) 2016-02-09

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[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A01N 37/22 (2006.01) C07D 407/14 (2006.01) C07D 411/14 (2006.01)**
[25] EN
[54] **SUBSTITUTED - OXYIMIDAZOLYL-CARBOXAMIDES AS PEST CONTROL AGENTS**
[54] **IMIDAZOLYL-CARBOXAMIDES SUBSTITUES UTILISES COMME PESTICIDES**
[72] HEIL, MARKUS, DE
[72] FISCHER, REINER, DE
[72] JANSEN, JOHANNES-RUDOLF, DE
[72] WILLOT, MATTHIEU, DE
[72] KUBBELER, SUSANNE, DE
[72] WILCKE, DAVID, DE
[72] ILG, KERSTIN, DE
[72] LOSEL, PETER, DE
[72] EILMUS, SASCHA, DE
[72] ANDERSCH, WOLFRAM, DE
[72] PORTZ, DANIELA, DE
[72] GORGENS, ULRICH, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-08-08
[86] 2017-02-03 (PCT/EP2017/052350)
[87] (WO2017/137319)
[30] EP (16155135.3) 2016-02-11

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[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) A61B 5/024 (2006.01) A61B 5/0476 (2006.01) A61B 5/055 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING PHYSIOLOGICAL STATE**
[54] **SYSTEME ET PROCEDE DE DETECTION D'ETAT PHYSIOLOGIQUE**
[72] ZHENG, PU, CA
[72] LEE, KANG, CA
[71] NURALOGIX CORPORATION, CA
[85] 2018-08-08
[86] 2017-02-17 (PCT/CA2017/050207)
[87] (WO2017/139895)
[30] US (62/296,163) 2016-02-17

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[13] A1
[51] **Int.Cl. C07D 403/14 (2006.01) A01N 37/22 (2006.01)**
[25] EN
[54] **SUBSTITUTED IMIDAZOLYL-CARBOXAMIDES AS PEST CONTROL AGENTS**
[54] **IMIDAZOLYL-CARBOXAMIDES SUBSTITUES UTILISES COMME PESTICIDES**
[72] HEIL, MARKUS, DE
[72] FISCHER, REINER, DE
[72] JANSEN, JOHANNES-RUDOLF, DE
[72] WILCKE, DAVID, DE
[72] WILLOT, MATTHIEU, DE
[72] KUBBELER, SUSANNE, DE
[72] ILG, KERSTIN, DE
[72] EILMUS, SASCHA, DE
[72] LOSEL, PETER, DE
[72] ANDERSCH, WOLFRAM, DE
[72] GORGENS, ULRICH, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-08-08
[86] 2017-02-06 (PCT/EP2017/052497)
[87] (WO2017/137337)
[30] EP (EP16155136.1) 2016-02-11

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[13] A1
[51] **Int.Cl. F03D 1/06 (2006.01)**
[25] EN
[54] **SERRATED TRAILING EDGE PANEL FOR A WIND TURBINE BLADE**
[54] **PANNEAU DE BORD DE FUITE DENTELE POUR PALE D'EOLIENNE**
[72] HOEG, JESPER, DK
[72] ANSHOLM RASMUSSEN, KIM, DK
[72] KILDEGAARD, CASPER, DK
[72] LEHMANN MADSEN, KRISTIAN, DK
[71] LM WP PATENT HOLDING A/S, DK
[85] 2018-08-08
[86] 2017-02-07 (PCT/EP2017/052640)
[87] (WO2017/137394)
[30] EP (16155507.3) 2016-02-12

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[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A01N 37/22 (2006.01) C07D 407/04 (2006.01) C07D 407/14 (2006.01) C07D 411/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED 2-OXYIMIDAZOLYL-CARBOXAMIDES AS PEST CONTROL AGENTS**
[54] **2-OXYIMIDAZOLYL-CARBOXAMIDES SUBSTITUES UTILISES COMME PESTICIDES**
[72] JANSEN, JOHANNES-RUDOLF, DE
[72] HEIL, MARKUS, DE
[72] FISCHER, REINER, DE
[72] WILCKE, DAVID, DE
[72] WILLOT, MATTHIEU, DE
[72] ILG, KERSTIN, DE
[72] EILMUS, SASCHA, DE
[72] LOSEL, PETER, DE
[72] ANDERSCH, WOLFRAM, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-08-08
[86] 2017-02-06 (PCT/EP2017/052502)
[87] (WO2017/137339)
[30] EP (16155134.6) 2016-02-11

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[13] A1
[51] **Int.Cl. H01R 4/50 (2006.01) F16B 37/00 (2006.01) H01R 11/16 (2006.01) H01R 13/52 (2006.01) H01R 4/64 (2006.01)**
[25] EN
[54] **EARTHING BOND SEAL**
[54] **JOINT DE LIAISON DE MISE A LA TERRE**
[72] CERFEUILLET, VINCENT, FR
[72] CUMANT, MICKAEL, FR
[71] DUBUIS ET CIE, FR
[85] 2018-08-08
[86] 2017-02-10 (PCT/EP2017/053038)
[87] (WO2017/148686)
[30] EP (16305231.9) 2016-02-29

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[13] A1
[51] **Int.Cl. C07C 29/151 (2006.01) B01J 19/00 (2006.01) C01B 3/34 (2006.01) C07C 31/04 (2006.01)**
[25] EN
[54] **METHOD FOR THE SYNTHESIS OF METHANOL**
[54] **PROCEDE DE SYNTHESE DE METHANOL**
[72] BALTHASAR, WOLFF, DE
[72] MULLER, DIERK, DE
[72] WAGNER, ULRICH, DE
[71] GASCONTEC AG, CH
[85] 2018-08-08
[86] 2017-02-10 (PCT/EP2017/053039)
[87] (WO2017/137581)
[30] EP (16 155 353.2) 2016-02-11

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[13] A1
[51] **Int.Cl. A45D 34/00 (2006.01)**
[25] EN
[54] **COMPRESSIBLE DISPENSER OF A LIQUID PRODUCT, IN PARTICULAR A COSMETIC LIQUID PRODUCT SUCH AS A CREAM**
[54] **DISTRIBUTEUR COMPRESSIBLE D'UN PRODUIT FLUIDE, EN PARTICULIER UN PRODUIT FLUIDE COSMETIQUE TEL QU'UNE CREME**
[72] LEGASTELOIS, SYLVIE, FR
[72] PERRIN, OLIVIER, FR
[72] CASTEX, NICOLAS, FR
[72] MATHIEU, NICOLAS, FR
[71] CHANEL PARFUMS BEAUTE, FR
[85] 2018-08-08
[86] 2017-02-10 (PCT/EP2017/053056)
[87] (WO2017/137592)
[30] FR (1651124) 2016-02-12

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[13] A1
[51] **Int.Cl. A61F 2/42 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **AN IMPLANT FOR A BONE JOINT**
[54] **IMPLANT POUR ARTICULATION OSSEUSE**
[72] CLARKE, GERRY, IE
[72] BOLAND, BRENDAN, IE
[72] BRUZZI, MARK, IE
[72] LADD, AMY L., US
[72] WEISS, ARNOLD-PETER C., US
[72] STOCKMANS, FILIP, BE
[71] NATIONAL UNIVERSITY OF IRELAND, GALWAY, IE
[85] 2018-08-08
[86] 2017-02-10 (PCT/EP2017/053079)
[87] (WO2017/137607)
[30] EP (16155090.0) 2016-02-10

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[13] A1
[51] **Int.Cl. A47J 36/24 (2006.01) B65D 81/34 (2006.01)**
[25] EN
[54] **HIGH EFFICIENCY SELF-HEATING CONTAINERS**
[54] **RECIPIENTS AUTOCHAUFFANTS A HAUTE EFFICACITE**
[72] COFFEY, BRENDAN, US
[72] DEROSSI, MICHAEL, US
[72] KWIATKOWSKI, KRZYSZTOF C., US
[72] FORD, BRENT C., US
[71] HEATGENIE, INC., US
[85] 2018-08-07
[86] 2017-10-24 (PCT/US2017/058133)
[87] (WO2018/081158)
[30] US (62/413,481) 2016-10-27

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[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **AERIAL VEHICLE MANAGEMENT FOR AN AERONAUTICAL COMMUNICATIONS NETWORK**
[54] **GESTION D'AERONEF POUR UN RESEAU DE COMMUNICATION AERONAUTIQUE**
[72] RUSSELL, BRIAN, IE
[72] FARRELL, RONAN, IE
[71] AERONET GLOBAL COMMUNICATIONS LABS DAC, IE
[85] 2018-08-08
[86] 2017-02-13 (PCT/EP2017/053172)
[87] (WO2017/137630)
[30] US (62/294,549) 2016-02-12
[30] EP (16156610.4) 2016-02-19

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[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING DATA CONNECTIVITY LINKS FOR AVIATION VEHICLES**
[54] **SYSTEME ET PROCEDE DE GESTION DE LIAISONS DE CONNECTIVITE DE DONNEES POUR DES VEHICULES D'AVIATION**
[72] RUSSELL, BRIAN, IE
[72] FARRELL, RONAN, IE
[71] AERONET GLOBAL COMMUNICATIONS LABS DAC, IE
[85] 2018-08-08
[86] 2017-02-13 (PCT/EP2017/053174)
[87] (WO2017/137632)
[30] US (62/294,569) 2016-02-12
[30] EP (16156609.6) 2016-02-19

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[13] A1
[51] **Int.Cl. H01Q 3/24 (2006.01) H01Q 5/40 (2015.01) H01Q 25/00 (2006.01)**
[25] EN
[54] **ANTENNA ARRAY FOR AERONAUTICAL COMMUNICATIONS**
[54] **RESEAU D'ANTENNES POUR COMMUNICATIONS AERONAUTIQUES**
[72] RUSSELL, BRIAN, IE
[72] FARRELL, RONAN, IE
[71] AERONET GLOBAL COMMUNICATIONS LABS DAC, IE
[85] 2018-08-08
[86] 2017-02-13 (PCT/EP2017/053175)
[87] (WO2017/137633)
[30] US (62/294,536) 2016-02-12
[30] EP (16156608.8) 2016-02-19

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[13] A1
[51] **Int.Cl. H01Q 3/14 (2006.01) H01Q 15/08 (2006.01) H01Q 19/06 (2006.01)**
[25] EN
[54] **ANTENNA SYSTEM AND METHOD FOR AERIAL VEHICLES**
[54] **SYSTEME D'ANTENNE ET PROCEDE POUR VEHICULES AERIENS**
[72] RUSSELL, BRIAN, IE
[72] FARRELL, RONAN, IE
[71] AERONET GLOBAL COMMUNICATIONS LABS DAC, IE
[85] 2018-08-08
[86] 2017-02-13 (PCT/EP2017/053179)
[87] (WO2017/137634)
[30] US (62/294,522) 2016-02-12
[30] EP (16156607.0) 2016-02-19

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[13] A1
[51] **Int.Cl. C09C 1/40 (2006.01) C09C 1/02 (2006.01) C09C 1/42 (2006.01) D21H 17/00 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING WHITE PIGMENT CONTAINING PRODUCTS**
[54] **PROCEDE DE FABRICATION DE PRODUITS CONTENANT DES PIGMENTS BLANCS**
[72] SOTEMANN, JORG, DE
[72] MAIER, JORG ANDREAS, AT
[71] OMYA INTERNATIONAL AG, CH
[85] 2018-08-08
[86] 2017-02-13 (PCT/EP2017/053182)
[87] (WO2017/140630)
[30] EP (16156003.2) 2016-02-16
[30] US (62/298,485) 2016-02-23

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[13] A1
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 17/10 (2006.01) F03G 7/06 (2006.01)**
[25] EN
[54] **DRILLING TOOL FOR SINKING AUTOMATICALLY DIRECTIONALLY MONITORED BORES**
[54] **OUTIL DE FORAGE PERMETTANT DE CREUSER DES FORAGES A DIRECTION AUTOMATIQUEMENT CONTROLEE**
[72] VORHOFF, WERNER, DE
[71] SMART DRILLING GMBH, DE
[85] 2018-08-08
[86] 2017-02-08 (PCT/DE2017/000036)
[87] (WO2017/137026)
[30] DE (10 2016 001 779.1) 2016-02-08

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[13] A1
[51] **Int.Cl. C09C 1/40 (2006.01) C09C 1/02 (2006.01) C09C 1/42 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING WHITE PIGMENT CONTAINING PRODUCTS**
[54] **PROCEDE DE FABRICATION DE PRODUITS CONTENANT DES PIGMENTS BLANCS**
[72] SOTEMANN, JORG, DE
[72] MAIER, JORG ANDREAS, AT
[71] OMYA INTERNATIONAL AG, CH
[85] 2018-08-08
[86] 2017-02-13 (PCT/EP2017/053186)
[87] (WO2017/140633)
[30] EP (16155963.8) 2016-02-16
[30] US (62/298,486) 2016-02-23

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[51] **Int.Cl. C07D 217/26 (2006.01) A61K 31/4725 (2006.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01) C07D 407/12 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **TAFI INHIBITORS FOR THE THERAPY OF CANCER**
[54] **INHIBITEURS DE TAFI POUR LA THERAPIE DU CANCER**
[72] SDELCI, SARA, AT
[72] KUBICEK, STEFAN, AT
[71] CEMM-FORSCHUNGSZENTRUM FUR MOLEKULARE MEDIZIN GMBH, AT
[85] 2018-08-08
[86] 2017-02-15 (PCT/EP2017/053403)
[87] (WO2017/140728)
[30] EP (16155781.4) 2016-02-15

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[13] A1
[51] **Int.Cl. B60C 23/00 (2006.01)**
[25] EN
[54] **ROTARY FEEDTHROUGH ASSEMBLY FOR A TIRE INFLATION SYSTEM**
[54] **ENSEMBLE PASSAGE ROTATIF POUR UN SYSTEME DE GONFLAGE DE PNEU**
[72] MATTAVELLI, DINO, IT
[71] DANA ITALIA S.R.L., IT
[85] 2018-08-08
[86] 2017-02-17 (PCT/EP2017/053679)
[87] (WO2017/140882)
[30] EP (16425015.1) 2016-02-19

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[13] A1
[51] **Int.Cl. E06B 9/72 (2006.01)**
[25] EN
[54] **MOTOR ASSEMBLY FOR AN ARCHITECTURAL COVERING**
[54] **ENSEMBLE MOTEUR POUR RIDEAU ARCHITECTURAL**
[72] BUCCOLA, NICKOLAS C., JR., US
[72] FALLER, KENNETH M., US
[71] HUNTER DOUGLAS INC., US
[85] 2018-08-08
[86] 2017-02-17 (PCT/EP2017/053701)
[87] (WO2017/140894)
[30] US (62/297,764) 2016-02-19

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[51] **Int.Cl. A61K 8/895 (2006.01) A61K 8/37 (2006.01) A61Q 17/04 (2006.01) A61Q 19/00 (2006.01) C08G 77/12 (2006.01) C08J 3/24 (2006.01) C08L 83/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING A SILICONE ELASTOMER AND PERSONAL CARE COMPOSITION CONTAINING THE ELASTOMER**
[54] **PROCEDE DE PREPARATION D'UN ELASTOMERE DE SILICONE ET COMPOSITION DE SOINS D'HYGIENE PERSONNELLE CONTENANT L'ELASTOMERE**
[72] LIMER, ADAM JOHN, GB
[72] LOU, ANJING, US
[72] DOBKOWSKI, BRIAN JOHN, US
[72] ZHAO, WEI, CN
[72] SONG, WENHUI, CN
[71] UNILEVER PLC, GB
[85] 2018-08-08
[86] 2017-02-22 (PCT/EP2017/054061)
[87] (WO2017/144530)
[30] CN (PCT/CN2016/074539) 2016-02-25

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[51] **Int.Cl. F04D 17/12 (2006.01) F04D 29/58 (2006.01)**
[25] EN
[54] **METHOD FOR COMPRESSING A GAS IN STAGES**
[54] **PROCEDE DE COMPRESSION GRADUELLE D'UN GAZ**
[72] HOFEL, TORBEN, DE
[72] MCCRACKEN, SEAN, DE
[72] KAMANN, MARTIN, DE
[72] KATZUR, EVA-MARIA, DE
[72] MATTHES, JORG, DE
[72] BRETSCHNEIDER, THOMAS, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2018-08-08
[86] 2017-02-20 (PCT/EP2017/053796)
[87] (WO2017/140910)
[30] EP (16156574.2) 2016-02-19

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[25] EN
[54] **PROCESS FOR PREPARING A SILICONE ELASTOMER WITH HYDROPHILIC ACTIVES AND A PERSONAL CARE COMPOSITION CONTAINING THE ELASTOMER**
[54] **PROCEDE DE PREPARATION D'UN ELASTOMERE DE SILICONE CONTENANT DES AGENTS ACTIFS HYDROPHILES ET COMPOSITION DE SOINS D'HYGIENE PERSONNELLE CONTENANT L'ELASTOMERE**
[72] LIMER, ADAM JOHN, GB
[72] LOU, ANJING, US
[72] DOBKOWSKI, BRIAN JOHN, US
[72] ZHAO, WEI, CN
[72] SONG, WENHUI, CN
[71] UNILEVER PLC, GB
[85] 2018-08-08
[86] 2017-02-22 (PCT/EP2017/054062)
[87] (WO2017/144531)
[30] CN (PCT/CN2016/074541) 2016-02-25

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[13] A1
[51] **Int.Cl. B07C 5/342 (2006.01)**
[25] EN
[54] **APPARATUS FOR TREATING HORTICULTURAL PRODUCTS, SUCH AS BLUEBERRIES AND THE LIKE**
[54] **APPAREIL PERMETTANT DE TRAITER DES PRODUITS HORTICOLES TELS QUE DES MYRTILLES ET SIMILAIRES**
[72] BENEDETTI, LUCA, IT
[71] UNITEC S.P.A., IT
[85] 2018-08-08
[86] 2017-02-24 (PCT/EP2017/054266)
[87] (WO2017/144632)
[30] IT (102016000018797) 2016-02-24

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[13] A1
[51] **Int.Cl. F03D 7/02 (2006.01) F03D 7/04 (2006.01)**
[25] EN
[54] **METHOD AND WINDFARM CONTROL MODULE FOR CONTROLLING A WINDFARM**
[54] **PROCEDE ET MODULE DE REGULATION DE PARC EOLIEN POUR LA REGULATION D'UN PARC EOLIEN**
[72] BUSKER, KAI, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-08-08
[86] 2017-02-23 (PCT/EP2017/054147)
[87] (WO2017/144576)
[30] DE (10 2016 103 101.1) 2016-02-23

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 35/17 (2015.01) A61K 39/395 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **BINDING MEMBERS TO PD-L1**
[54] **ELEMENTS DE LIAISON A PD-L1**
[72] SHAMSHIEV, ABDIJAPAR, CH
[72] KRETZSCHMAR, TITUS, CH
[72] DROSTE, MIRIAM, CH
[72] PHILLIPS, DOUGLAS, CH
[71] CELL MEDICA SWITZERLAND AG, CH
[85] 2018-08-08
[86] 2017-02-24 (PCT/EP2017/054367)
[87] (WO2017/144681)
[30] EP (16020057.2) 2016-02-25

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[13] A1
[51] **Int.Cl. A61K 31/00 (2006.01) A61K 38/43 (2006.01)**
[25] EN
[54] **ABUSE-DETERRENT PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES ANTI-ABUS**
[72] GUBITZ, GEORG, AT
[72] GREIMEL, KATRIN, AT
[72] BRANDAUER, MARTIN, AT
[72] HUBER, DANIELA, AT
[72] BLEYMAIER, KLAUS, AT
[72] KROUTIL, WOLFGANG, AT
[72] LECHNER, DORIS, AT
[72] WACHTER, CHRISTOF, AT
[72] WAGNER, HARALD, AT
[72] WINKLER, HEIMO, AT
[71] G.L. PHARMA GMBH, AT
[85] 2018-08-08
[86] 2017-02-28 (PCT/EP2017/054603)
[87] (WO2017/148919)
[30] EP (16157804.2) 2016-02-29

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[51] **Int.Cl. A61K 47/36 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/455 (2006.01) A61K 31/485 (2006.01)**
[25] EN
[54] **ABUSE-DETERRENT PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES ANTI-ABUS**
[72] GUBITZ, GEORG, AT
[72] GREIMEL, KATRIN, AT
[72] BRANDAUER, MARTIN, AT
[72] HUBER, DANIELA, AT
[72] BLEYMAIER, KLAUS, AT
[72] KROUTIL, WOLFGANG, AT
[72] LECHNER, DORIS, AT
[72] WACHTER, CHRISTOF, AT
[72] WAGNER, HARALD, AT
[72] WINKLER, HEIMO, AT
[71] G.L. PHARMA GMBH, AT
[85] 2018-08-08
[86] 2017-02-28 (PCT/EP2017/054610)
[87] (WO2017/148924)
[30] EP (16157803.4) 2016-02-29

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[51] **Int.Cl. F25D 23/04 (2006.01) A47F 1/08 (2006.01) G07F 11/28 (2006.01) G07F 17/00 (2006.01)**
[25] EN
[54] **COOLING ARRANGEMENT FOR REFRIGERATORS**
[54] **ARRANGEMENT DE REFROIDISSEMENT POUR DES REFRIGERATEURS**
[72] BRAZ FERRO, CLAUDIO, AR
[71] ANHEUSER-BUSCH INBEV S.A., BE
[85] 2018-08-08
[86] 2016-03-25 (PCT/IB2016/051715)
[87] (WO2017/137813)
[30] AR (20160100372) 2016-02-11

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[51] **Int.Cl. A61G 13/00 (2006.01) A61G 13/12 (2006.01)**
[25] EN
[54] **DEVICE FOR MOBILISING THE SACROILIAC JOINT (SIJ) OF A PATIENT, PARTICULARLY FOR LOOSENING A BLOCKAGE OF THE SACROILIAC JOINT OF THE PATIENT**
[54] **DISPOSITIF POUR MOBILISER L'ARTICULATION SACRO-ILIAQUE (ISG) D'UN PATIENT, EN PARTICULIER POUR DEBLOQUER L'ARTICULATION SACRO-ILIAQUE DU PATIENT CONCERNE**
[72] MINAIAN, KAMRAN, DE
[71] MINAIAN, KAMRAN, DE
[85] 2018-08-08
[86] 2017-03-03 (PCT/EP2017/055019)
[87] (WO2017/153273)
[30] DE (10 2016 104 457.1) 2016-03-11

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[13] A1
[51] **Int.Cl. G01C 21/34 (2006.01) G01C 21/36 (2006.01)**
[25] EN
[54] **SELECTING A ROUTE TO A DESTINATION BASED ON ZONES**
[54] **SELECTION D'ITINERAIRE VERS UNE DESTINATION SUR LA BASE DE ZONES**
[72] O'MAHONY, EOIN, US
[72] GOLDMAN, BRENT, US
[72] NICKELS, JOHN MARK, US
[72] KORSOS, LASZLO, US
[72] WILKINS, CHRIS, US
[72] WOODARD, DAWN, US
[72] HOLDEN, JEFF, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2018-08-08
[86] 2016-12-31 (PCT/IB2016/058128)
[87] (WO2017/137822)
[30] US (15/018,030) 2016-02-08
[30] US (15/018,042) 2016-02-08

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 45/06 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) G01N 33/574 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **ANTI-VISTA (B7H5) ANTIBODIES**
[54] **ANTICORPS ANTI-VISTA (B7H5)**
[72] SNYDER, LINDA A., US
[72] POWERS, GORDON, US
[72] ZUDAIRE UBANI, ENRIQUE, US
[72] MARVEL, DOUGLAS MATTHEW, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2018-08-08
[86] 2017-02-10 (PCT/IB2017/000100)
[87] (WO2017/137830)
[30] US (62/294,922) 2016-02-12

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[13] A1
[51] **Int.Cl. B60W 30/14 (2006.01) B60K 31/02 (2006.01) B60W 10/06 (2006.01) B60K 31/00 (2006.01)**
[25] EN
[54] **SPEED LIMITER SYSTEM**
[54] **SYSTEME LIMITEUR DE VITESSE**
[72] MAYERS, ANDREW, GB
[72] VALENTINE, MICHAEL, GB
[72] ROTHERHAM, DAVID, GB
[71] AUTOKONTROL LIMITED, GB
[85] 2018-08-08
[86] 2017-02-08 (PCT/GB2017/050303)
[87] (WO2017/137735)
[30] GB (1602334.3) 2016-02-09

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[51] **Int.Cl. B60C 11/12 (2006.01)**
[25] EN
[54] **TYRE FOR VEHICLE WHEELS**
[54] **PNEU POUR ROUES DE VEHICULE**
[72] CAFORIO, STEFANO, IT
[72] CASTELLINI, ALESSANDRO, IT
[72] MONTANARO, FABIO, IT
[71] PIRELLI TYRE S.P.A., IT
[85] 2018-08-08
[86] 2017-02-08 (PCT/IB2017/050684)
[87] (WO2017/137903)
[30] IT (UB2016A000577) 2016-02-09

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[51] **Int.Cl. G01N 33/00 (2006.01) G01N 30/72 (2006.01) G01N 30/88 (2006.01) G01N 33/497 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHOD OF DIAGNOSING CANCER BY DETERMINING THE LEVEL OF ONE OR MORE VOLATILE ORGANIC COMPOUNDS**
[54] **PROCEDE DE DIAGNOSTIC DU CANCER PAR DETERMINATION DU TAUX D'UN OU PLUSIEURS COMPOSES ORGANIQUES VOLATILS**
[72] BOYDEN, MILES DAVID, GB
[72] JONES, PETER R. H., GB
[71] MDB DIAGNOSIS GROUP LIMITED, GB
[85] 2018-08-08
[86] 2017-02-08 (PCT/GB2017/050314)
[87] (WO2017/137741)
[30] GB (1602394.7) 2016-02-10

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[51] **Int.Cl. B01D 53/04 (2006.01) A61M 16/00 (2006.01) B01D 53/047 (2006.01) B01J 20/28 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO THE MANUFACTURE AND REMANUFACTURE OF VOLATILE ANAESTHETIC AGENTS USING SUPERCRITICAL FLUIDS**
[54] **FABRICATION ET MODIFICATION DE FABRICATION AMELIOREES D'AGENTS ANESTHESIQUES VOLATILS AU MOYEN DE FLUIDES SUPERCRITIQUES**
[72] BROWN, SEBASTIAN, GB
[71] SAGETECH MEDICAL EQUIPMENT LIMITED, GB
[85] 2018-08-08
[86] 2017-02-22 (PCT/GB2017/050460)
[87] (WO2017/144879)
[30] GB (1603050.4) 2016-02-23
[30] GB (1603053.8) 2016-02-23
[30] GB (1603094.2) 2016-02-23
[30] GB (1615173.0) 2016-09-07
[30] GB (1617194.4) 2016-10-10
[30] GB (1618554.8) 2016-11-03

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[13] A1
[51] **Int.Cl. B62D 55/253 (2006.01) B62D 55/28 (2006.01)**
[25] EN
[54] **CROSS-LINK FOR A TRACK OF A TRACKED VEHICLE, IN PARTICULAR A SNOW GROOMER**
[54] **MAILLON TRANSVERSAL POUR UNE CHENILLE D'UN VEHICULE A CHENILLES, EN PARTICULIER UNE DAMEUSE DE NEIGE**
[72] STRANINGER, MARKUS, AT
[71] PRINOTH S.P.A., IT
[85] 2018-08-08
[86] 2017-02-20 (PCT/IB2017/050961)
[87] (WO2017/141226)
[30] IT (102016000017041) 2016-02-18

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[13] A1
[51] **Int.Cl. B22C 9/10 (2006.01) F01D 5/18 (2006.01)**
[25] FR
[54] **METHOD FOR FORMING DUST-REMOVAL HOLES FOR A TURBINE BLADE AND ASSOCIATED CERAMIC CORE**
[54] **PROCEDE DE FORMATION DE TROUS DE DEPOUSSIERAGE POUR AUBE DE TURBINE ET NOYAU CERAMIQUE ASSOCIE**
[72] ROLLINGER, ADRIEN BERNARD VINCENT, FR
[72] BECHELANY, MIRNA, FR
[71] SAFRAN, FR
[85] 2018-08-08
[86] 2017-02-10 (PCT/FR2017/050310)
[87] (WO2017/137709)
[30] FR (1651134) 2016-02-12

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[13] A1
[51] **Int.Cl. F23C 6/04 (2006.01) F23D 14/70 (2006.01)**
[25] EN
[54] **BURNER APPARATUS AND METHOD OF COMBUSTION**
[54] **APPAREIL DE TYPE BRULEUR ET PROCEDE DE COMBUSTION**
[72] RISSEEUW, IZAAK, NL
[72] KLOOSTERMAN, JEFFREY, US
[72] LI, XIANMING JIMMY, US
[72] WOLF, ROBERT GREGORY, US
[72] HENDERSHOT, REED JACOB, US
[72] JEUNINK, FRANCISCUS ARNOLDUS MARIA, NL
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[71] TECHNIP BENELUX B.V., NL
[85] 2018-08-08
[86] 2017-03-06 (PCT/EP2017/055205)
[87] (WO2017/153348)
[30] EP (16159997.2) 2016-03-11

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[51] **Int.Cl. B01J 13/20 (2006.01) B01J 13/18 (2006.01) F28D 20/02 (2006.01) B01J 13/04 (2006.01)**
[25] EN
[54] **MICROCAPSULES**
[54] **MICROCAPSULES**
[72] DUNGWORTH, HOWARD ROGER, GB
[72] AUERBACH, MARCO, NL
[72] GONTHIER, JEROME, NL
[72] PARKS, EMMA, GB
[71] CRODA INTERNATIONAL PLC, GB
[85] 2018-08-08
[86] 2017-04-05 (PCT/EP2017/058094)
[87] (WO2017/178297)
[30] GB (1606269.7) 2016-04-12
[30] GB (1614045.1) 2016-08-17

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[13] A1
[51] **Int.Cl. E21B 27/04 (2006.01) E21B 27/00 (2006.01) E21B 37/00 (2006.01)**
[25] EN
[54] **DOWNHOLE DEBRIS-COLLECTING TOOL HAVING AN IMPROVED VALVE**
[54] **OUTIL DE COLLECTE DE DEBRIS DE FOND DE TROU AYANT UNE SOUPAPE AMELIOREE**
[72] HAUGLAND, LASSE, NO
[72] OSALAND, ESPEN, NO
[71] ALTUS INTERVENTION (TECHNOLOGIES) AS, NO
[85] 2018-08-08
[86] 2017-02-21 (PCT/NO2017/050045)
[87] (WO2017/146587)
[30] NO (20160326) 2016-02-26

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[25] EN
[54] **OXYGEN PRODUCING FLYING SCOOTER**
[54] **SCOOTER VOLANT PRODUCTEUR D'OXYGENE**
[72] BASHAYAN, KHOLOUD, SA
[71] BASHAYAN, KHOLOUD, SA
[85] 2018-08-08
[86] 2017-03-07 (PCT/SA2017/000007)
[87] (WO2017/176174)
[30] SA (116370507) 2016-04-06

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 35/17 (2015.01) A01K 67/027 (2006.01) A61K 9/14 (2006.01) A61K 45/00 (2006.01) A61K 47/36 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) A61P 43/00 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **PRETREATMENT DRUG FOR T CELL INFUSION THERAPY FOR IMMUNE CHECKPOINT INHIBITOR-RESISTANT TUMOR**
[54] **MEDICAMENT DE PRETRAITEMENT POUR THERAPIE PAR PERFUSION DE LYMPHOCYTES T POUR TUMEUR RESISTANTE AUX INHIBITEURS DE POINT DE CONTROLE IMMUNITAIRE**
[72] SHIKU, HIROSHI, JP
[72] HARADA, NAOZUMI, JP
[72] MURAOKA, DAISUKE, JP
[72] AKIYOSHI, KAZUNARI, JP
[71] MIE UNIVERSITY, JP
[71] KYOTO UNIVERSITY, JP
[85] 2018-08-08
[86] 2017-02-08 (PCT/JP2017/004552)
[87] (WO2017/138557)
[30] JP (2016-022081) 2016-02-08

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[13] A1
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[25] EN
[54] **PREPARATION CONTAINING SEA WATER ADDED A POTASSIUM COMPOUND**
[54] **PREPARATION CONTENANT DE L'EAU DE MER ADDITIONNEE D'UN COMPOSE DE POTASSIUM**
[72] KANDAL, INGE ARNE, NO
[71] LUTRA AS, NO
[71] NORDFJORD LAKS AS, NO
[71] SLAGSTAD, LEIV, NO
[85] 2018-08-08
[86] 2017-03-02 (PCT/NO2017/050059)
[87] (WO2017/150988)
[30] NO (20160382) 2016-03-04

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[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01) H04L 27/14 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MAPPING DMRS CONFIGURATION TO PHASE NOISE TRACKING PILOT FOR IMPROVED RECEIVER PERFORMANCE**
[54] **SYSTEMES ET PROCEDES DE MAPPAGE D'UNE CONFIGURATION DMRS DU PILOTE DE SUIVI DU BRUIT DE PHASE POUR UNE PERFORMANCE DE RECEPTEUR AMELIOREE**
[72] HESSLER, MARTIN, SE
[72] BALDEMAIR, ROBERT, SE
[72] SAHLIN, HENRIK, SE
[72] LINDBOM, LARS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-08-08
[86] 2017-02-08 (PCT/SE2017/050119)
[87] (WO2017/138871)
[30] US (62/292,921) 2016-02-09

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[54] **OPHTHALMIC COMPOSITIONS AND METHODS FOR REDUCING OXIDATIVE DAMAGE TO AN EYE LENS**
[54] **COMPOSITIONS OPHTALMIQUES ET PROCEDES DE REDUCTION DES DOMMAGES OXYDATIFS D'UN CRISTALLIN OCULAIRE**
[72] O'TOOLE, MARTIN G., US
[72] SCHAAL, SHLOMIT, US
[71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, US
[71] BRAUN, ORI, US
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[54] **FORMULATIONS INJECTABLES A LONGUE DUREE D'ACTION**
[72] AHMED, SALAH U., US
[72] ZU, YANMING, US
[72] LEPREE, JASON, US
[72] PRAJAPTI, HETALBEN, US
[72] CHOWDHURY, TAHSEEN A., US
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[54] **COMPOUNDS, COMPOSITIONS, AND METHODS FOR THE TREATMENT OF INFLAMMATORY, DEGENERATIVE, AND NEURODEGENERATIVE DISEASES**
[54] **COMPOSES, COMPOSITIONS, ET PROCEDES DE TRAITEMENT DE MALADIES INFLAMMATOIRES, DEGENERATIVES, ET NEURODEGENERATIVES**
[72] BAZAN, NICOLAS G., US
[72] PETASIS, NICOS A., US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
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[54] **IMMUNOGENIC PEPTIDES AND USE THEREOF**
[54] **PEPTIDES IMMUNOGENES ET LEUR UTILISATION**
[72] RUBBO, PIERRE-ALAIN, FR
[72] TUAILLON, EDOUARD, FR
[71] OMUNIS, FR
[71] AXLR, SATT DU LANGUEDOC ROUSSILLON, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE MONTPELLIER, FR
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[54] **METHOD OF PRODUCING GRAIN-ORIENTED ELECTRICAL STEEL SHEET**
[54] **PROCEDE DE PRODUCTION DE TOLE D'ACIER ELECTROMAGNETIQUE A GRAINS ORIENTES**
[72] HAYAKAWA YASUYUKI, JP
[72] EHASHI YUIKO, JP
[72] TAKENAKA MASANORI, JP
[71] JFE STEEL CORPORATION, JP
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR INCREASING EFFICIENCY OF TARGETED GENE MODIFICATION USING OLIGONUCLEOTIDE-MEDIATED GENE REPAIR**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT D'AMELIORER L'EFFICACITE DE MODIFICATIONS GENETIQUES CIBLEES EN UTILISANT LA REPARATION DE GENE MEDIEE PAR DES OLIGONUCLEOTIDES**
[72] BEETHAM, PETER R., US
[72] GOCAL, GREGORY F.W., US
[72] SCHOPKE, CHRISTIAN, US
[72] SAUER, NOEL, US
[72] PEARCE, JAMES, US
[72] SEGAMI, ROSA E., US
[72] MOZORUK, JERRY, US
[71] CIBUS US LLC, US
[71] CIBUS EUROPE B.V., NL
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[25] EN
[54] **THICKENER FOR OBTAINING HIGH CONCENTRATION SLURRY, AND METHOD FOR CONTROLLING THE THICKENER**
[54] **EPAISSISSEUR POUR OBTENIR UNE SUSPENSION A CONCENTRATION ELEVEE ET SON PROCEDE DE COMMANDE**
[72] NAGAI, TAKAAKI, JP
[72] TANAKA, MASAHIRO, JP
[72] OISHI, TAKAO, JP
[72] KITAZAKI, TOORU, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
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[25] FR
[54] **POWER-OPERATED TRAILER COMPRISING A MOTOR CONTROL DEVICE**
[54] **REMORQUE MOTORISEE COMPORTANT UN DISPOSITIF D'ASSERVISSEMENT DES MOTEURS**
[72] VALLIER, GILLES, FR
[72] DUVAUT, NICOLAS, FR
[72] DUVAUT, DAMIEN, FR
[71] VALLIER, GILLES, FR
[71] DUVAUT, NICOLAS, FR
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[54] **TOOL FOR FUSING OUTLET FITTINGS IN A PLASTIC PIPE AND METHOD OF USING THE TOOL**
[54] **OUTIL DE FUSION D'UN RACCORD DE SORTIE DANS UN TUYAU EN PLASTIQUE ET PROCEDE D'UTILISATION DE L'OUTIL**
[72] TRITT, MICHAEL, US
[72] ABBOTT, ERIC, US
[71] MCELROY MANUFACTURING, INC., US
[85] 2018-08-08
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[54] **CORK-BASED TILE FOR PRIVACY APPARATUSES AND METHOD OF MAKING AND USING THE SAME**
[54] **DALLE A BASE DE LIEGE DESTINEE A DES APPAREILS DE CONFIDENTIALITE ET SON PROCEDE DE FABRICATION ET D'UTILISATION**
[72] FJETLAND, LARS, NO
[71] KNOLL, INC., US
[85] 2018-08-08
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[54] **WEAVING MULTILAYER PRODUCTS USING MULTIPLE WARP COLUMNS AND HEDDLE COLUMNS**
[54] **TISSAGES DE PRODUITS MULTICOUCHES GRACE A DE MULTIPLES COLONNES DE CHAINE ET COLONNES DE LISSE**
[72] OUELLETTE, KENNETH, US
[72] GOERING, JONATHAN, US
[71] ALBANY ENGINEERED COMPOSITES, INC., US
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[54] **FIXATION STAPLES FOR USE IN SURGICAL PROCEDURES**
[54] **AGRAFES DE FIXATION A UTILISER DANS DES PROCEDURES CHIRURGICALES**
[72] KRUMME, JOHN, US
[71] CROSSROADS EXTREMITY SYSTEMS, LLC, US
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[86] 2017-02-08 (PCT/US2017/016914)
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[54] **WEAR ASSEMBLY FOR EARTH WORKING EQUIPMENT**
[54] **ENSEMBLE D'USURE POUR EQUIPEMENT DE DEBLAIEMENT DE TERRAIN**
[72] SNYDER, CHRISTOPHER D., US
[71] ESCO GROUP LLC, US
[85] 2018-08-08
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[54] **SYSTEMS AND METHODS FOR STORING, UPDATING, SEARCHING, AND FILTERING TIME-SERIES DATASETS**
[54] **SYSTEMES ET PROCEDES DE STOCKAGE, MISE A JOUR, RECHERCHE ET FILTRAGE D'ENSEMBLES DE DONNEES DE SERIE CHRONOLOGIQUE**
[72] WARD, ROY W., US
[72] ALAVI, DAVID S., US
[71] MOONSHADOW MOBILE, INC., US
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[54] **DRIVING DEVICES AND METHODS FOR DETERMINING MATERIAL STRENGTH IN REAL-TIME**
[54] **DISPOSITIFS D'ENTRAINEMENT ET PROCEDES DE DETERMINATION DE RESISTANCE DE MATERIAU EN TEMPS REEL**
[72] ANDERSON, WAYNE R., US
[72] PERRY, JOHN J., US
[72] KARCH, MICHAEL M., US
[72] TRUSCOTT, ANTHONY D., US
[71] SMART MEDICAL DEVICES, INC., US
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[86] 2017-02-10 (PCT/US2017/017517)
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[54] **IMPLANT INSERTER**
[54] **DISPOSITIF D'INSERTION D'IMPLANT**
[72] HARTDEGEN, VERNON R., US
[72] HOLLIS, MICHAEL CHAD, US
[72] SAYGER, DANIEL, US
[72] KRUMME, JOHN, US
[71] CROSSROADS EXTREMITY SYSTEMS, LLC, US
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[54] **FREE ATOM NANOTUBE GROWTH**
[54] **CROISSANCE DE NANOTUBES A ATOMES LIBRES**
[72] LAUBSCHER, BRYAN, US
[71] LAUBSCHER, BRYAN, US
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[54] **SONDE SANS PARTIES MOBILES POUR UN RESERVOIR**
[72] WESTMORELAND, ALLEN RAY, US
[72] HOBEN, JOHN CHARLES, US
[72] BUKHMAN, ALEXANDER, US
[72] BRODSKY, YOSEF, US
[71] INNOVATIVE MEASUREMENT METHODS, INC., US
[85] 2018-08-08
[86] 2017-02-13 (PCT/US2017/017712)
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[54] **SYSTEMS AND METHODS TO ALLOCATE UNMANNED AIRCRAFT SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR ATTRIBUER DES SYSTEMES D'AERONEF SANS PILOTE**
[72] HIGH, DONALD R., US
[72] TAYLOR, ROBERT C., US
[72] WINKLE, DAVID C., US
[72] THOMPSON, JOHN P., US
[71] WALMART APOLLO, LLC, US
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[54] **ACTIONNEMENT D'INVERSEUR DE POUSSEE**
[72] KOPECEK, JOSEPH THOMAS, US
[72] SWEET, JULIAN, US
[71] WOODWARD, INC., US
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[54] **DIRECT SPECIMEN COLLECTION DEVICE AND CASSETTE**
[54] **DISPOSITIF DE COLLECTE DIRECTE D'ECHANTILLON ET CASSETTE**
[72] SANGHA, JANGBIR, US
[71] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
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[54] **SUBCUTANEOUS DELIVERY OF ADENOVIRUS WITH DUAL TARGETING**
[54] **ADMINISTRATION SOUS-CUTANEE D'ADENOVIRUS A DOUBLE CIBLAGE**
[72] SOON-SHIONG, PATRICK, US
[72] NIAZI, KAYVAN, US
[72] RABIZADEH, SHAHROOZ, US
[71] NANT HOLDINGS IP, LLC, US
[71] NANTCELL, INC., US
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[54] **COMPOSITIONS AND METHODS FOR TREATING LIVER CANCER**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU CANCER DU FOIE**
[72] LIU, SHENG-YUNG, TW
[72] CHEN, CHIH-MING, TW
[71] GOLDEN BIOTECHNOLOGY CORPORATION, US
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[25] EN
[54] **ACCELERATION AND PRECISION CONTROLLED EJECTION OF MASS**
[54] **EJECTION DE MASSE AVEC COMMANDE DE L'ACCELERATION ET DE LA PRECISION**
[72] WESTMEYER, PAUL A., US
[72] WOODS, ROBERT EDWIN, US
[72] WOODS, ROBERT PARKER, US
[71] WESTMEYER, PAUL A., US
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[86] 2017-02-13 (PCT/US2017/017621)
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[30] US (62/295,129) 2016-02-14

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[25] EN
[54] **METHOD AND APPARATUS FOR ASSESSING TISSUE VASCULAR HEALTH**
[54] **PROCEDE ET APPAREIL POUR L'EVALUATION DE LA SANTE VASCULAIRE TISSULAIRE**
[72] CUCCIA, DAVID, US
[72] MAZHAR, AMAAN, US
[71] MODULATED IMAGING, INC., US
[85] 2018-08-08
[86] 2017-02-13 (PCT/US2017/017727)
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[30] US (62/294,919) 2016-02-12

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[51] **Int.Cl. C08F 220/34 (2006.01) C08F 8/28 (2006.01) D21H 17/37 (2006.01)**
[25] EN
[54] **GLYOXALATED POLYACRYLAMIDE TERPOLYMER, BASE COPOLYMER THEREOF, COMPOSITIONS CONTAINING SAME, USES IN PAPERMAKING AND PRODUCTS THEREOF**
[54] **TERPOLYMERE DE POLYACRYLAMIDE GLYOXALE, COPOLYMERE DE BASE DE CELUI-CI, COMPOSITIONS LES CONTENANT, UTILISATIONS DANS LA FABRICATION DE PAPIER ET DE PRODUITS DE CEUX-CI**
[72] TEKOBO, SAMUEL, US
[72] CASTER, JOHN, US
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
[85] 2018-08-08
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[54] **DRUG DELIVERY DEVICE AND METHOD OF MANUFACTURE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT ET PROCEDE DE FABRICATION**
[72] GIBSON, SCOTT R., US
[72] MOBERG, SHELDON B, US
[72] TAHA, BASEL HASAN, US
[72] BOYAVAL, MARGAUX FRANCES, US
[72] DESTEFANO, MARK A., US
[72] LOVE, JOHN C., US
[72] HANSON, IAN B., US
[72] BENTE, PAUL F., IV, US
[72] CLEMENTE, MATTHEW J., US
[72] RAMASWAMY, RAJAN, US
[72] CODD, DANIEL S., US
[72] BEAVER, SCOTT, US
[72] BOKELMAN, KEVIN L., US
[72] O'CONNOR, SEAN M., US
[72] DECKER, ROBERT, US
[72] SHETTY, GAUTAM N., US
[72] AGARD, RYAN M., US
[72] CICCARELLI, NICHOLAS J., US
[72] DAVENPORT, DANIEL, US
[71] AMGEN INC., US
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[86] 2017-02-13 (PCT/US2017/017627)
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[25] EN
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[54] **SYSTEME D'IMPLEMENTATION DE DISPOSITIF PERIPHERIQUE ET PROCEDES ASSOCIES**
[72] MAGAZINE, ROHIT, US
[71] WALMART APOLLO, LLC, US
[85] 2018-08-08
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[30] US (62/298,527) 2016-02-23

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[25] EN
[54] **ROUTER LIFT**
[54] **ELEVATEUR POUR DEFONCEUSE**
[72] WENNING, DANIEL LLOYD, US
[72] ANDERSON, STEVEN ALLAN, US
[72] KROHMER, STEVEN DONALD, US
[71] ROCKLER COMPANIES, INC., US
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[54] **CELLULES MODIFIEES POUR L'IMMUNOTHERAPIE**
[72] DOTTI, GIANPIETRO, US
[72] LANDONI, ELISA, US
[72] SHAMSHIEV, ABDIJAPAR, CH
[72] KRETZSCHMAR, TITUS, CH
[72] DROSTE, MIRIAM, CH
[72] PHILIPS, DOUGLAS, CH
[71] CELL MEDICA SWITZERLAND AG, CH
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2018-08-08
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[54] **CYLINDRE DE POSE D'IMPLANT PROTHETIQUE**
[72] CHANG, ARVIN T., US
[72] SOK, SAM, US
[72] ANDERSON, AMANDA K., US
[72] CHADHA, AJAY, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2018-08-08
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[54] **INTEGRATED FLUIDIC DEVICES AND RELATED METHODS**
[54] **DISPOSITIFS FLUIDIQUES INTEGRES ET PROCEDES ASSOCIES**
[72] SINGER, ALON, US
[72] PRAKASH, RANJIT, US
[71] HELIXBIND, INC., US
[85] 2018-08-08
[86] 2017-03-14 (PCT/US2017/022280)
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[54] **SYNTHETIC NUCLEIC ACID SPIKE-INS**
[54] **SPIKE-INS D'ACIDES NUCLEIQUES SYNTHETIQUES**
[72] CHRISTIANS, FRED C., US
[72] VILFAN, IGOR D., US
[72] KERTESZ, MICHAEL, US
[72] BLAUWKAMP, TIMOTHY A., US
[72] VENKATASUBRAHMANYAM, SHIVKUMAR, US
[72] ROSEN, MICHAEL, US
[72] SIT, RENE, US
[71] KARIUS, INC., US
[85] 2018-08-08
[86] 2017-03-24 (PCT/US2017/024176)
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[54] **CREATION D'UNE EMPREINTE NUMERIQUE DE CHANGEMENT POUR DES TABLES DE BASE DE DONNEES, DES FICHIERS DE TEXTE ET DES SOURCES DE DONNEES**
[72] LEUNG, TSZ LING CHRISTINA, US
[72] ROSE, MARTIN, US
[72] COLEMAN, ARTHUR, US
[71] ACXIOM CORPORATION, US
[71] LEUNG, TSZ LING CHRISTINA, US
[71] ROSE, MARTIN, US
[71] COLEMAN, ARTHUR, US
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[25] EN
[54] **METHODS, SYSTEMS, AND MEDIA FOR PROVIDING AGGREGATED AND UNIFORMLY ARRANGED ITEM INFORMATION**
[54] **PROCEDES, SYSTEMES ET SUPPORTS POUR FOURNIR DES INFORMATIONS D'ARTICLES AGREGEES ET UNIFORMEMENT AGENCEES**
[72] PLAEHN, WILLIAM H., US
[72] CARINI, MICHAEL T., US
[71] LASTMILE RETAIL, INC., US
[85] 2018-08-08
[86] 2017-02-08 (PCT/US2017/017048)
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[54] **TRACKED VEHICLE WITH ADJUSTABLE TRACK SPACING**
[54] **VEHICULE A CHENILLES AVEC ESPACEMENT DE PISTE REGLABLE**
[72] KAUTSCH, DEWAINE, US
[72] LAUZIER, JONATHAN, CA
[72] DESLAURIERS, MICHEL, CA
[71] CAMSO INC., CA
[85] 2018-08-08
[86] 2017-02-08 (PCT/US2017/016980)
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[54] **CONTAINERS, CONTAINER INSERTS AND ASSOCIATED METHODS FOR MAKING CONTAINERS**
[54] **CONTENANTS, INSERTS DE CONTENANTS ET PROCEDES ASSOCIES POUR LA FABRICATION DE CONTENANTS**
[72] FREEDMAN, JONATHAN R., US
[72] HUBER, DONALD LEE, US
[71] CSP TECHNOLOGIES, INC., US
[85] 2018-08-08
[86] 2017-02-09 (PCT/US2017/017141)
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[54] **BREAST PUMP CONTAINER ASSEMBLIES AND METHODS**
[54] **ENSEMBLES RECIPIENT DE TIRE-LAIT ET PROCEDES**
[72] CHANG, JOHN, US
[72] MASON, BRIAN, US
[72] CO, FRED, US
[72] KEENAN, ERICA, US
[71] EXPLORAMED NC7, INC., US
[85] 2018-08-08
[86] 2017-02-09 (PCT/US2017/017212)
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[54] **VCN ENHANCER COMPOSITIONS AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS AMELIORANT VCN ET PROCEDES D'UTILISATION DESDITES COMPOSITIONS**
[72] BONNER, MELISSA, US
[72] NEGRE, OLIVIER, US
[71] BLUEBIRD BIO, INC., US
[85] 2018-08-08
[86] 2017-02-10 (PCT/US2017/017372)
[87] (WO2017/139576)
[30] US (62/294,615) 2016-02-12
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[54] **ANTI-CITRULLINATED HLA POLYPEPTIDE ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS CONTRE LES POLYPEPTIDES HLA CITRULLINES, ET UTILISATION DE CES DERNIERS**
[72] MOBLEY, JAMES LESLIE, US
[71] CAYMAN CHEMICAL COMPANY INCORPORATED, US
[85] 2018-08-08
[86] 2017-02-10 (PCT/US2017/017373)
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[54] **DETONATION TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT DE DETONATION**
[72] HENKE, JOSEPH ALBERT, US
[72] COVALT, JOHNNY, US
[71] HUNTING TITAN, INC., US
[85] 2018-08-08
[86] 2017-02-10 (PCT/US2017/017487)
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[54] **THERMAL TREATMENT FOR PRECONDITIONING OR RESTORATION OF A SOLDER JOINT**
[54] **TRAITEMENT THERMIQUE POUR PRECONDITIONNER OU RESTAURER UN JOINT DE SOUDURE**
[72] SNUGOVSKY, POLINA, CA
[72] KOSIBA, EVA, CA
[72] KENNEDY, JEFFREY K., US
[72] HILLMAN, DAVID, US
[72] ADAMS, DAVID, US
[72] MESCHTER, STEPHAN, US
[72] PEROVIC, DOUG D., CA
[72] ROBINSON, MICHAEL O., US
[72] JUAREZ, JOSEPH, US
[72] STRAZNICKY, IVAN, CA
[72] SNUGOVSKY, LEONID, CA
[72] ROMANSKY, MARIANNE, CA
[71] CELESTICA INTERNATIONAL INC., CA
[71] DY 4 SYSTEMS INC., CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] BAE SYSTEMS CONTROLS INC., US
[71] HONEYWELL AEROSPACE, US
[71] ROCKWELL COLLINS, INC., US
[85] 2018-08-09
[86] 2017-02-10 (PCT/CA2017/050164)
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[25] EN
[54] **SYSTEM AND METHOD FOR POSITIONING A MARINE VESSEL**
[54] **SYSTEME ET PROCEDE DE POSITIONNEMENT D'UN NAVIRE MARITIME**
[72] WONG, TAT LUNG RAY, CA
[72] GARON, PIERRE, CA
[72] DUDDRIDGE, GEOFFREY DAVID, CA
[71] MARINE CANADA ACQUISITION INC., CA
[85] 2018-08-09
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[54] **INTERFACE CAP DESIGN FOR LIGHT TUBES**
[54] **CONCEPTION DE CULOT D'INTERFACE POUR TUBES FLUORESCENTS**
[72] WANG, DAZHEN, CN
[72] CAO, JINLIN, CN
[72] JIAO, RUI, CN
[71] GE LIGHTING SOLUTIONS, LLC, US
[85] 2018-08-09
[86] 2016-02-15 (PCT/CN2016/073795)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING IMIDAZOLINE DERIVATIVE**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN DERIVE D'IMIDAZOLINE**
[72] LU, YUN, CN
[72] ZHANG, XINHUA, CN
[72] ZHANG, DAIMEI, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2018-08-09
[86] 2017-02-17 (PCT/CN2017/073868)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING JAK KINASE INHIBITOR OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN INHIBITEUR DE JANUS KINASE (JAK) OU UN SEL PHARMACEUTIQUEMENT ACCEPTABLE DE CELUI-CI**
[72] LU, YUN, CN
[72] CHEN, HAO, CN
[72] PAN, XIAOCHEN, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2018-08-09
[86] 2017-02-17 (PCT/CN2017/073869)
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[25] EN
[54] **CROSS-FLOW PLATE HEAT AND/OR MOISTURE EXCHANGER**
[54] **ECHANGEUR DE CHALEUR ET/OU D'HUMIDITE A PLAQUES A COURANTS CROISES**
[72] KLINGENBURG, KAI, DE
[71] KLINGENBURG GMBH, DE
[85] 2018-08-09
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[54] **CELLULOSE MATERIALS AND METHODS OF MAKING AND USING SAME**
[54] **MATIERES CELLULOSIQUES ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI**
[72] CHEN, GEORGE, CN
[72] LEE, KOON-YANG, GB
[72] BISMARCK, ALEXANDER, AT
[72] LI, ROBERT, CN
[71] ECOINNO (H.K.) LIMITED, CN
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[54] **SEALING ASSEMBLY FOR GYRATORY CRUSHER**
[54] **ENSEMBLE D'ETANCHEITE POUR UN CONCASSEUR GIRATOIRE**
[72] HOLMBERG, ANNE, SE
[72] ERIKSSON, FREDRIK, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **METHOD FOR SORTING PIECES OF LUGGAGE AND LUGGAGE SORTING SYSTEM**
[54] **PROCEDE POUR TRIER DES BAGAGES ET SYSTEME DE TRI DE BAGAGES**
[72] BERGER, GISBERT, DE
[72] DELIANSKI, SVETLOZAR, DE
[72] DENGLER, ULRICH, DE
[72] ROTTLAND, JORG, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **DAMPING RING**
[54] **BAGUE D'AMORTISSEMENT**
[72] KRUGER, FRIEDHELM, DE
[72] KRUGER, PEER, DE
[72] KAMMERER, SVEN, DE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
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[25] EN
[54] **EXTERNAL BONE FIXATION SYSTEMS**
[54] **SYSTEMES DE FIXATION OSSEUSE EXTERNES**
[72] MULLANEY, MICHAEL, US
[71] AMDT HOLDINGS, INC., US
[85] 2018-08-07
[86] 2017-02-10 (PCT/US2017/017276)
[87] (WO2017/139517)
[30] US (62/293,320) 2016-02-09
[30] US (62/362,351) 2016-07-14
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[25] EN
[54] **ELECTROCHROMIC DEVICES**
[54] **DISPOSITIFS ELECTROCHROMIQUES**
[72] GOEBEL, MICHAEL, DE
[72] ROEDER, JENS, DE
[72] SEELER, FABIAN, DE
[72] AHLF, MARAIKE, DE
[72] NOERENBERG, RALF, DE
[72] BECK, ERICH, DE
[71] BASF SE, DE
[85] 2018-08-09
[86] 2017-02-07 (PCT/EP2017/052648)
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[25] EN
[54] **BLOOD PUMP HOUSING DEVICE**
[54] **DISPOSITIF DE LOGEMENT DE POMPE SANGUINE**
[72] NAJAR, AZAD, SE
[71] SCANDINAVIAN REAL HEART AB, SE
[85] 2018-08-09
[86] 2017-02-09 (PCT/EP2017/052837)
[87] (WO2017/137486)
[30] SE (1650171-0) 2016-02-10
[30] SE (1651606-4) 2016-12-06

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[51] **Int.Cl. C12P 17/12 (2006.01) C12N 1/21 (2006.01)**
[25] EN
[54] **PROCESS**
[54] **PROCEDE**
[72] KELLMANN, RALF, NO
[72] NEILAN, BRETT, AU
[71] BERGEN TEKNOLOGIOVERFORING AS, NO
[71] UNIVERSITY OF NEW SOUTH WALES INNOVATIONS, AU
[85] 2018-08-09
[86] 2017-02-10 (PCT/EP2017/053077)
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[25] EN
[54] **LOCKING DEVICE FOR SECURING A WEAR ELEMENT IN A SUPPORT IN AN EARTH MOVING MACHINE**
[54] **DISPOSITIF DE VERROUILLAGE PERMETTANT DE FIXER UN ELEMENT D'USURE DANS UN SUPPORT SUR UNE MACHINE DE TERRASSEMENT**
[72] AMAT HOLGADO, CARLOS, ES
[72] GIMENO TORDERA, ALBERT, ES
[72] TRIGINER BOIXEDA, JORGE, ES
[71] METALOGENIA RESEARCH & TECHNOLOGIES S.L., ES
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[25] EN
[54] **UV-SYSTEM WITH A DEGASSING ZONE**
[54] **SYSTEME UV AVEC ZONE DE DEGAZAGE**
[72] WIELAND, ARNE, DE
[72] RAND, WIEBKE, DE
[71] XYLEM IP MANAGEMENT S.A.R.L., LU
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[86] 2017-02-08 (PCT/EP2017/052746)
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[54] **IMPROVEMENTS IN OR RELATING TO POWER SYSTEMS**
[54] **PERFECTIONNEMENTS APPORTES OU SE RAPPORTANT A DES SYSTEMES D'ALIMENTATION**
[72] HA, HENGXU, GB
[72] FANG, SHIMING, CN
[72] SRI GOPALA KRISHNA MURTHI, SANKARA SUBRAMANIAN, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2018-08-09
[86] 2017-02-14 (PCT/EP2017/053321)
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[25] EN
[54] **MODULAR GAS TURBINE SYSTEM**
[54] **SYSTEME DE TURBINE A GAZ MODULAIRE**
[72] GIANCOTTI, MARCO, IT
[72] RIGHESCHI, ANDREA, IT
[72] GUIDOTTI, LUCIANO, IT
[72] CECARINI, MICHELE, IT
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
[85] 2018-08-09
[86] 2017-02-16 (PCT/EP2017/053496)
[87] (WO2017/140777)
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[25] EN
[54] **FULL TURBOMACHINERY MODULE FOR LNG PLANTS OR THE LIKE**
[54] **MODULE DE MACHINE A TURBINE COMPLETE POUR INSTALLATIONS GNL, OU ANALOGUES**
[72] GIANCOTTI, MARCO, IT
[72] RIGHESCHI, ANDREA, IT
[72] GUIDOTTI, LUCIANO, IT
[72] CECARINI, MICHELE, IT
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
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[25] EN
[54] **APPARATUS FOR DETERMINATION OF A GROUND FAULT AND ASSOCIATED METHOD**
[54] **APPAREIL PERMETTANT DE DETERMINER UN DEFAUT A LA TERRE, ET PROCEDE ASSOCIE**
[72] WANG, ZHENG, CN
[72] MA, YONGYUE, CN
[72] HA, HENGXU, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2018-08-09
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[51] **Int.Cl. B01J 14/00 (2006.01) B01J 19/12 (2006.01) C01B 3/04 (2006.01) C25B 1/00 (2006.01)**
[25] FR
[54] **PHOTOCATALYTIC DEVICE FOR THE PRODUCTION OF GASEOUS HYDROGEN**
[54] **DISPOSITIF PHOTO-CATALYTIQUE POUR LA PRODUCTION D'HYDROGENE GAZEUX**
[72] LORGE, PHILIPPE, BE
[72] REMACLE, CLAIRE, BE
[72] GERIN, STEPHANIE, BE
[72] JOB, NATHALIE, BE
[72] FRANCK, FABRICE, BE
[72] CALDARELLA, GIUSEPPE, BE
[72] GHYSELS, BART, BE
[72] GODAUX, DAMIEN, BE
[72] CARDOL, PIERRE, BE
[71] H2WIN S.A., BE
[85] 2018-08-09
[86] 2017-02-17 (PCT/EP2017/053653)
[87] (WO2017/144368)
[30] BE (2016/5125) 2016-02-23

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL GENERATING ARTICLE WITH HEAT DIFFUSER**
[54] **ARTICLE GENERATEUR D'AEROSOL COMPRENANT UN DIFFUSEUR DE CHALEUR**
[72] THORENS, MICHEL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-08-09
[86] 2017-05-30 (PCT/EP2017/063055)
[87] (WO2017/207580)
[30] EP (16172300.2) 2016-05-31

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **REFILLABLE AEROSOL-GENERATING ARTICLE**
[54] **ARTICLE DE GENERATION D'AEROSOL RECHARGEABLE**
[72] THORENS, MICHEL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-08-09
[86] 2017-05-30 (PCT/EP2017/063057)
[87] (WO2017/207582)
[30] EP (16172264.0) 2016-05-31

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[13] A1
[51] **Int.Cl. C25B 1/10 (2006.01) C25B 9/10 (2006.01)**
[25] FR
[54] **DEVICE FOR THE PRODUCTION OF GASEOUS HYDROGEN**
[54] **DISPOSITIF POUR LA PRODUCTION D'HYDROGENE GAZEUX**
[72] LORGE, PHILIPPE, BE
[72] REMACLE, CLAIRE, BE
[72] GERIN, STEPHANIE, BE
[72] JOB, NATHALIE, BE
[72] FRANCK, FABRICE, BE
[72] CALDARELLA, GIUSEPPE, BE
[72] GHYSELS, BART, BE
[72] GODAUX, DAMIEN, BE
[72] CARDOL, PIERRE, BE
[71] H2WIN S.A., BE
[85] 2018-08-09
[86] 2017-02-17 (PCT/EP2017/053651)
[87] (WO2017/144367)
[30] BE (2016/5124) 2016-02-23

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[13] A1
[51] **Int.Cl. E04C 2/16 (2006.01) B32B 21/02 (2006.01) E04C 2/32 (2006.01) E04C 2/34 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT BUILDING BOARD CONTAINING UNDULATED ELEMENTS**
[54] **PANNEAU LEGER CONTENANT DES ELEMENTS ONDULES**
[72] MOLLER, ACHIM, DE
[72] ECKSTEIN, THOMAS, DE
[71] WOOD INNOVATIONS LTD., LI
[85] 2018-08-09
[86] 2017-02-22 (PCT/EP2017/054079)
[87] (WO2017/144541)
[30] EP (16000427.1) 2016-02-22

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[13] A1
[51] **Int.Cl. H04W 72/08 (2009.01) H04W 72/06 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **OPERATING METHOD OF A COMMUNICATION NODE IN A WIRELESS COMMUNICATION NETWORK, ASSOCIATED COMMUNICATION NODE, COMMUNICATION SYSTEM AND STORAGE SYSTEM**
[54] **PROCEDE D'EXPLOITATION D'UN N□UD DE COMMUNICATIONS DANS UN RESEAU DE COMMUNICATIONS SANS FIL, N□UD DE COMMUNICATIONS, SYSTEME DE COMMUNICATIONS ET SYSTEME DE STOCKAGE ASSOCIES**
[72] STUHAUG, RAGNAR, NO
[72] HOGNALAND, INGVAR, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2018-08-09
[86] 2017-06-28 (PCT/EP2017/066001)
[87] (WO2018/002143)
[30] NO (20161087) 2016-06-30

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRONIC VAPING DEVICE AND KIT**
[54] **DISPOSITIF DE VAPORISATION ELECTRONIQUE ET KIT**
[72] JUPE, RICHARD, US
[72] KARLES, GEORGE, US
[72] KOBAL, GERD, US
[72] LI, SAN, US
[72] MISHRA, MUNMAYA K., US
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-08-09
[86] 2017-04-04 (PCT/EP2017/058016)
[87] (WO2017/174595)
[30] US (15/089,777) 2016-04-04

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **HEAT DIFFUSER FOR AN AEROSOL-GENERATING SYSTEM**
[54] **DIFFUSEUR DE CHALEUR POUR UN SYSTEME DE GENERATION D'AEROSOL**
[72] THORENS, MICHEL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-08-09
[86] 2017-05-30 (PCT/EP2017/063056)
[87] (WO2017/207581)
[30] EP (16172294.7) 2016-05-31

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **HEAT DIFFUSER FOR AN AEROSOL-GENERATING SYSTEM**
[54] **DIFFUSEUR DE CHALEUR POUR SYSTEME DE GENERATION D'AEROSOL**
[72] THORENS, MICHEL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-08-09
[86] 2017-05-30 (PCT/EP2017/063059)
[87] (WO2017/207584)
[30] EP (16172295.4) 2016-05-31

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[13] A1
[51] **Int.Cl. B29C 67/00 (2017.01) B33Y 30/00 (2015.01)**
[25] EN
[54] **MOVABLE PRINTING DEVICES FOR THREE-DIMENSIONAL PRINTERS**
[54] **DISPOSITIFS D'IMPRESSION MOBILES POUR IMPRIMANTES 3D**
[72] KUSTER, MARTIN, CH
[71] KUSTER, MARTIN, CH
[85] 2018-08-09
[86] 2017-02-13 (PCT/IB2017/000236)
[87] (WO2017/137851)
[30] US (62/293,974) 2016-02-11

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[13] A1
[51] **Int.Cl. A47C 27/06 (2006.01)**
[25] EN
[54] **RESILIENT UNIT AND METHOD OF MANUFACTURE**
[54] **UNITE ELASTIQUE ET PROCEDE DE FABRICATION**
[72] SPINKS, SIMON, GB
[72] CLARE, DAVID, GB
[72] GALLAGHER, MICHAEL, GB
[71] HS PRODUCTS LIMITED, GB
[85] 2018-08-09
[86] 2017-02-09 (PCT/GB2017/050331)
[87] (WO2017/137754)
[30] GB (1602378.0) 2016-02-10

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[13] A1
[51] **Int.Cl. H04L 1/18 (2006.01) H04W 4/00 (2018.01) H04W 72/04 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DRX MECHANISMS FOR SINGLE HARQ PROCESS OPERATION IN NB-IOT**
[54] **APPAREIL ET PROCEDE POUR MECANISMES DRX POUR EXPLOITATION DE PROCESSUS HARQ SEUL DANS L'IDO-NB**
[72] WU, CHUNLI, CN
[72] SEBIRE, BENOIST PIERRE, JP
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2018-08-09
[86] 2017-01-24 (PCT/IB2017/050363)
[87] (WO2017/137861)
[30] US (62/294,620) 2016-02-12

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[13] A1
[51] **Int.Cl. C07C 7/20 (2006.01) C07C 15/46 (2006.01) C08F 2/38 (2006.01) C08F 2/40 (2006.01) C08F 12/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR CONTROL AND INHIBITION OF POLYMERIZATION OF VINYL AROMATIC MONOMERS, AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS POUR REGULER ET INHIBER LA POLYMERISATION DE MONOMERES VINYLIQUES AROMATIQUES, ET LEURS PROCEDES D'UTILISATION**
[72] SUBRAMANIYAM, MAHESH, IN
[71] DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED, IN
[85] 2018-08-09
[86] 2017-02-09 (PCT/IB2017/050718)
[87] (WO2017/137924)
[30] IN (201621005100) 2016-02-13

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[13] A1
[51] **Int.Cl. A24F 15/08 (2006.01)**
[25] EN
[54] **ADAPTERS FOR REFILLING AN AEROSOL DELIVERY DEVICE**
[54] **ADAPTATEURS POUR LE REMPLISSAGE D'UN DISPOSITIF DE DISTRIBUTION D'AEROSOL**
[72] DAVIS, MICHAEL F., US
[72] PHILLIPS, PERCY D., US
[72] ROGERS, JAMES WILLIAM, US
[72] BROWN, LISA E., US
[72] DEMOPOULOS, JAMES, US
[71] RAI STRATEGIC HOLDINGS, INC., US
[85] 2018-08-09
[86] 2017-02-09 (PCT/IB2017/050722)
[87] (WO2017/137928)
[30] US (15/042,868) 2016-02-12

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[13] A1
[51] **Int.Cl. F16H 19/04 (2006.01) B23Q 1/01 (2006.01) B23Q 37/00 (2006.01) F16H 55/26 (2006.01)**
[25] EN
[54] **RECONFIGURABLE MACHINING CENTER**
[54] **CENTRE D'USINAGE REMODULABLE**
[72] BRUZZONE, ALESSANDRO ARTURO, IT
[72] MONTI, MARGHERITA, IT
[72] GODANI, ANDREA, IT
[71] UNIVERSITA DEGLI STUDI DI GENOVA, IT
[85] 2018-08-09
[86] 2017-02-10 (PCT/IB2017/050737)
[87] (WO2017/137938)
[30] IT (102016000013699) 2016-02-10

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[13] A1
[51] **Int.Cl. G01S 13/90 (2006.01) G01S 13/34 (2006.01)**
[25] EN
[54] **OBJECT DETECTING DEVICE AND SENSOR DEVICE**
[54] **DISPOSITIF DE DETECTION D'OBJETS ET DISPOSITIF FORMANT CAPTEUR**
[72] KATO, YASUNORI, JP
[72] TAKAHASHI, RYUHEI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-08-09
[86] 2016-02-16 (PCT/JP2016/054463)
[87] (WO2017/141352)

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[13] A1
[51] **Int.Cl. F02M 61/16 (2006.01)**
[25] EN
[54] **CONTROL METHOD AND CONTROL DEVICE OF DIRECT INJECTION INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE DE COMMANDE ET DISPOSITIF DE COMMANDE DE MOTEUR A COMBUSTION INTERNE DU TYPE A INJECTION DIRECTE**
[72] IMAOKA, YOSHIHIRO, JP
[72] INOUE, TAKAO, JP
[72] TSUYUKI, TAKESHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-08-09
[86] 2016-02-12 (PCT/JP2016/054128)
[87] (WO2017/138144)

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[13] A1
[51] **Int.Cl. A61G 5/04 (2013.01) A61G 5/10 (2006.01) A61G 5/14 (2006.01)**
[25] EN
[54] **CONFIGURABLE ASSISTIVE DEVICE**
[54] **DISPOSITIF D'ASSISTANCE CONFIGURABLE**
[72] CHERNY, EUGENE, CA
[72] GODERICH, EVELIO, CA
[72] PALTSEV, DMITRY, CA
[72] LISNYAK, GENNADIY, CA
[71] 9302204 CANADA INC. DBA CHEELCARE, CA
[85] 2018-08-09
[86] 2017-02-13 (PCT/IB2017/050795)
[87] (WO2017/137967)
[30] US (62/294,644) 2016-02-12

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[13] A1
[51] **Int.Cl. H04L 25/03 (2006.01) H04L 27/26 (2006.01) H04L 27/00 (2006.01)**
[25] EN
[54] **METHOD, RECEIVER, AND COMPUTER IMPLEMENTED METHOD FOR DECODING SET OF PACKETS ASYNCHRONOUSLY**
[54] **PROCEDE, RECEPTEUR ET PROCEDE MIS EN ŒUVRE PAR ORDINATEUR PERMETTANT DE DECODER UN ENSEMBLE DE PAQUETS DE MANIERE ASYNCHRONE**
[72] PAJOVIC, MILUTIN, US
[72] SHULKIND, GAL, US
[72] ORLIK, PHILIP, US
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-08-09
[86] 2016-05-25 (PCT/JP2016/066086)
[87] (WO2017/141457)
[30] US (15/047,510) 2016-02-18

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[13] A1
[51] **Int.Cl. B65G 17/32 (2006.01) B65G 47/38 (2006.01)**
[25] EN
[54] **CONVEYOR APPARATUS**
[54] **DISPOSITIF DE TRANSPORTEUR**
[72] FUJIO, YOSHIHIKO, JP
[71] DAIFUKU CO., LTD., JP
[85] 2018-08-09
[86] 2017-02-13 (PCT/JP2017/005091)
[87] (WO2017/141862)
[30] JP (2016-029437) 2016-02-19

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[13] A1
[51] **Int.Cl. F16H 61/14 (2006.01) F16H 61/02 (2006.01) F16H 61/66 (2006.01)**
[25] EN
[54] **CONTROL METHOD AND CONTROL DEVICE FOR TRANSMISSION MECHANISM**
[54] **PROCEDE DE COMMANDE ET DISPOSITIF DE COMMANDE POUR MECANISME DE CHANGEMENT DE VITESSES**
[72] TOHTA, YUZURU, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-08-09
[86] 2016-10-26 (PCT/JP2016/081679)
[87] (WO2017/138194)
[30] JP (2016-023503) 2016-02-10

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[13] A1
[51] **Int.Cl. B32B 27/12 (2006.01) B32B 27/36 (2006.01) A61L 15/24 (2006.01) A61L 15/26 (2006.01) A61L 15/28 (2006.01) A61L 31/04 (2006.01) A61L 31/06 (2006.01) A61L 31/12 (2006.01)**
[25] EN
[54] **LAMINATE**
[54] **STRATIFIE**
[72] SEKIDO, YUKI, JP
[72] HOCHI, MOTONORI, JP
[72] FUJII, MAO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-08-09
[86] 2017-03-23 (PCT/JP2017/011563)
[87] (WO2017/164264)
[30] JP (2016-057786) 2016-03-23

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[13] A1
[51] **Int.Cl. A61K 38/22 (2006.01) A61K 9/00 (2006.01) A61K 38/16 (2006.01) A61K 38/18 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING RECOMBINANT HGH FOR THE TREATMENT OF GROWTH HORMONE DEFICIENCY**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT HGH RECOMBINANT POUR LE TRAITEMENT D'UN DEFICIT EN HORMONE DE CROISSANCE**
[72] KIM, TAE KYUNG, KR
[72] AHN, YOUNG JOO, KR
[72] WOO, JUNG WON, KR
[72] CHA, JI-EUN, KR
[72] LEE, JOAN YOON JI, KR
[72] JANG, WOO ICK, KR
[71] GENEXINE, INC., KR
[71] HANDOK INC., KR
[85] 2018-08-09
[86] 2017-02-16 (PCT/KR2017/001726)
[87] (WO2017/142331)
[30] KR (10-2016-0018695) 2016-02-17
[30] KR (10-2017-0021104) 2017-02-16

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **CERTIFICATE PINNING USING A DIRECTORY SERVICE**
[54] **EPINGLAGE DE CERTIFICAT EN UTILISANT UN SERVICE DE REPERTOIRE**
[72] SU, JIAWEN, US
[72] JAWAHAR, JANARDHANAN, US
[72] BATRA, PRASHANT, US
[72] MISTRY, SHAUNAK, US
[72] MAHYARI, ABBAS, US
[71] CITRIX SYSTEMS, INC., US
[85] 2018-08-09
[86] 2017-02-03 (PCT/US2017/016461)
[87] (WO2017/139195)
[30] US (15/019,118) 2016-02-09

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[13] A1
[51] **Int.Cl. A61J 1/10 (2006.01) A61M 5/14 (2006.01)**
[25] EN
[54] **PERFUSION SYSTEM**
[54] **SYSTEME DE PERFUSION**
[72] BHOWMICK, SUBHAS BALARAM, IN
[72] KANE, PRASHANT, IN
[72] KUMAR, SAMARTH, IN
[72] GANORKAR, KIRTI, IN
[71] SUN PHARMACEUTICAL INDUSTRIES LTD., IN
[85] 2018-08-09
[86] 2017-02-09 (PCT/IN2017/050055)
[87] (WO2017/138023)
[30] IN (201621004576) 2016-02-09

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[13] A1
[51] **Int.Cl. B64D 1/10 (2006.01) B64C 39/02 (2006.01) B64D 1/00 (2006.01) B64D 1/02 (2006.01) B64D 1/08 (2006.01) B64D 1/12 (2006.01)**
[25] EN
[54] **GAS-FILLED CARRIER AIRCRAFTS AND METHODS OF DISPERSING UNMANNED AIRCRAFT SYSTEMS IN DELIVERING PRODUCTS**
[54] **AERONEFS PORTEURS REMPLIS DE GAZ ET PROCEDES DE DISPERSION DE SYSTEMES D'AERONEFS SANS PILOTE DANS LA LIVRAISON DE PRODUITS**
[72] HIGH, DONALD R., US
[72] COX, DAVID C., US
[71] WALMART APOLLO, LLC, US
[85] 2018-08-09
[86] 2017-02-07 (PCT/US2017/016801)
[87] (WO2017/139255)
[30] US (62/294,748) 2016-02-12

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[13] A1
[51] **Int.Cl. B65H 75/44 (2006.01) B65H 75/14 (2006.01)**
[25] EN
[54] **CABLE SPOOL AND STORAGE**
[54] **BOBINE DE CABLE ET DISPOSITIF DE STOCKAGE**
[72] LARSSON, NICHOLAS B., US
[72] WAKILEH, GEORGE L., US
[71] COMMUNICATIONS SYSTEMS, INC., US
[85] 2018-08-09
[86] 2017-02-08 (PCT/US2017/016985)
[87] (WO2017/139359)
[30] US (62/294,716) 2016-02-12

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[13] A1
[51] **Int.Cl. E05D 3/14 (2006.01)**
[25] EN
[54] **CONCEALED EXTERNAL HINGE WITH 180 DEGREE ROTATION**
[54] **CHARNIERE EXTERNE DISSIMULEE A ROTATION A 180 DEGRES**
[72] SHEPHERD, RICHARD, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2018-08-09
[86] 2017-01-10 (PCT/US2017/012846)
[87] (WO2017/139057)
[30] US (15/041,902) 2016-02-11

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[13] A1
[51] **Int.Cl. C07C 29/141 (2006.01) C07C 31/10 (2006.01) C07C 31/12 (2006.01) C07C 31/125 (2006.01) C07C 45/50 (2006.01) C07C 47/02 (2006.01)**
[25] EN
[54] **PROCESSES FOR CONVERTING OLEFINS TO ALCOHOLS, ETHERS, OR COMBINATIONS THEREOF**
[54] **PROCEDES DE CONVERSION D'OLEFINES EN ALCOOLS, ETHERS OU COMBINAISONS DE CES DERNIERS**
[72] BECKER, MICHAEL C., US
[72] BRAMMER, MICHAEL A., US
[72] GILES, JASON F., US
[72] MILLER, GLENN A., US
[72] PHILLIPS, GEORGE R., US
[72] WATSON, RICK B., US
[72] WAMBERGUE, STEPHANE, GB
[72] SMIDT, MARTIN LUCAS, GB
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2018-08-09
[86] 2017-02-10 (PCT/US2017/017325)
[87] (WO2017/139543)
[30] US (62/294,092) 2016-02-11

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[51] **Int.Cl. G02B 26/08 (2006.01) B23K 26/044 (2014.01) B23K 26/064 (2014.01) B23K 26/06 (2014.01) B23K 26/067 (2006.01) B23K 26/08 (2014.01)**
[25] EN
[54] **LASER CUTTING HEAD WITH DUAL MOVABLE MIRRORS PROVIDING BEAM ALIGNMENT AND/OR WOBBLING MOVEMENT**
[54] **TETE DE DECOUPE PAR LASER AYANT DEUX MIROIRS MOBILES PRODUISANT UN ALIGNEMENT DE FAISCEAU ET/OU UN MOUVEMENT D'OSCILLATION**
[72] GRAPOV, YURI, US
[72] PRUYN, KRIS, US
[72] STUKALIN, FELIX, US
[72] HINRICHSEN, ERIK, US
[71] IPG PHOTONICS CORPORATION, US
[85] 2018-08-09
[86] 2017-02-13 (PCT/US2017/017677)
[87] (WO2017/139769)
[30] US (62/294,744) 2016-02-12

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[13] A1
[51] **Int.Cl. B65D 83/76 (2006.01)**
[25] EN
[54] **FOOD PRODUCT SERVING DEVICE AND SERVING CONTAINERS**
[54] **DISPOSITIF DE SERVICE DE PRODUITS ALIMENTAIRES ET RECIPIENTS DE SERVICE**
[72] STOJKOVSKI, NENAD, US
[72] STOJKOVSKI, SANDY, US
[71] STOJKOVSKI, NENAD, US
[71] STOJKOVSKI, SANDY, US
[85] 2018-08-09
[86] 2017-02-08 (PCT/US2017/016987)
[87] (WO2017/139361)
[30] US (62/292,992) 2016-02-09

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[13] A1
[51] **Int.Cl. E04B 1/41 (2006.01) E04B 1/26 (2006.01) E04B 1/38 (2006.01) E04C 5/12 (2006.01)**
[25] EN
[54] **CONCRETE ANCHOR BODIES AND PLUGS**
[54] **BOUCHONS ET CORPS D'ANCRAGE DE BETON**
[72] ESPINOSA, THOMAS M., US
[71] CETRES HOLDINGS, LLC, US
[85] 2018-08-09
[86] 2017-02-10 (PCT/US2017/017419)
[87] (WO2017/139612)
[30] US (62/294,231) 2016-02-11

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[13] A1
[51] **Int.Cl. A61K 36/61 (2006.01) A61P 11/12 (2006.01)**
[25] EN
[54] **SUBLINGUAL ANTIDEPRESSANT LOZENGE**
[54] **TABLETTE SUBLINGUALE D'ANTIDEPRESSEUR**
[72] SALCE, ANTHONY H., JR., US
[72] GREENWOOD, WILLIAM, US
[72] MISIR, SHIVSANKAR, US
[71] SYNERGISTIC THERAPEUTICS, LLC, US
[85] 2018-08-09
[86] 2017-02-13 (PCT/US2017/017674)
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[54] **THIENOPYRIDINE CARBOXAMIDES AS UBIQUITIN-SPECIFIC PROTEASE INHIBITORS**
[54] **THIENOPYRIDINE CARBOXAMIDES UTILISES COMME INHIBITEURS DE PROTEASE SPECIFIQUE DE L'UBIQUITINE**
[72] GUERIN, DAVID JOSEPH, US
[72] BAIR, KENNETH W., US
[72] CARAVELLA, JUSTIN A., US
[72] IOANNIDIS, STEPHANOS, US
[72] LANCIA, DAVID R., JR., US
[72] LI, HONGBIN, US
[72] MISCHKE, STEVEN, US
[72] NG, PUI YEE, US
[72] RICHARD, DAVID, US
[72] SCHILLER, SHAWN E. R., US
[72] SHELEKHIN, TATIANA, US
[72] WANG, ZHONGGUO, US
[71] FORMA THERAPEUTICS, INC., US
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[54] **THIENOPYRAZINE CARBOXAMIDES AS UBIQUITIN-SPECIFIC PROTEASE INHIBITORS**
[54] **THIENOPYRAZINE CARBOXAMIDES EN TANT QU'INHIBITEURS DE PROTEASE SPECIFIQUE DE L'UBIQUITINE**
[72] GUERIN, DAVID JOSEPH, US
[72] BAIR, KENNETH W., US
[72] CARAVELLA, JUSTIN A., US
[72] IOANNIDIS, STEPHANOS, US
[72] LANCIA, DAVID R., JR., US
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[54] **EXTERNAL PULSE GENERATOR DEVICE AND ASSOCIATED METHODS FOR TRIAL NERVE STIMULATION**
[54] **DISPOSITIF GENERATEUR D'IMPULSIONS EXTERNES ET PROCEDES ASSOCIES POUR UNE STIMULATION NERVEUSE D'ESSAI**
[72] MATHUR, PRABODH, US
[72] SCHROEDER, DENNIS, US
[72] WOOCK, JOHN, US
[71] AXONICS MODULATION TECHNOLOGIES, INC., US
[85] 2018-08-09
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[54] **ACTRII ANTAGONISTS FOR USE IN INCREASING IMMUNE ACTIVITY**
[54] **ANTAGONISTES D'ACTRII POUR LEUR UTILISATION DANS L'ACCROISSEMENT DE L'ACTIVITE IMMUNITAIRE**
[72] KUMAR, RAVINDRA, US
[72] ALIMZHANOV, MARAT, US
[72] PEARSALL, ROBERT SCOTT, US
[71] ACCELERON PHARMA INC., US
[85] 2018-08-09
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[54] **SELECTIVE CATALYSTS FOR SPINETORAM PRODUCTION**
[54] **CATALYSEURS SELECTIFS POUR LA PRODUCTION DE SPINETORAM**
[72] FOSKEY, TAKIYA J., US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-08-09
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[54] **HEIGHT MEASURING DEVICE**
[54] **DISPOSITIF DE MESURE DE HAUTEUR**
[72] JONES, MARK CONRAD, US
[71] JONES, MARK CONRAD, US
[85] 2018-08-09
[86] 2017-03-15 (PCT/US2017/022460)
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[25] EN
[54] **APPARATUS AND METHODS FOR SCREENING PATIENTS FOR BLADDER CONTROL VIA PUDENDAL NERVE STIMULATION**
[54] **APPAREIL ET PROCEDES POUR SELECTIONNER DES PATIENTS POUR UNE REGULATION DE LA VESSIE PAR STIMULATION DU NERF HONTEUX INTERNE**
[72] IMRAN, MIR, US
[71] INCUBE LABS, LLC, US
[85] 2018-08-09
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[25] EN
[54] **METHODS, PROCESSES, AND APPARATUSES FOR PRODUCING WELDED SUBSTRATES**
[54] **METHODES, PROCEDES ET APPAREILS PERMETTANT DE PRODUIRE DES SUBSTRATS SOUDES**
[72] HAVERHALS, LUKE MICHAEL, US
[72] AMSTUTZ, AARON KENNETH, US
[72] CHOI, JONGLAK, US
[72] TANG, XILING, US
[72] MOLTER, MICHAEL, US
[72] NULL, SPENCER JACOB, US
[71] NATURAL FIBER WELDING, INC., US
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[54] **METHODS FOR ENHANCING EFFICACY OF A VACCINE BY ADMINISTERING AN IL-4R ANTAGONIST**
[54] **PROCEDES D'AUGMENTATION DE L'EFFICACITE D'UN VACCIN PAR ADMINISTRATION D'UN ANTAGONISTE D'IL-4R**
[72] PURCELL NGAMBO, LISA, US
[72] GRAHAM, NEIL, US
[72] MURPHY, ANDREW J., US
[72] EVANS, ROBERT, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **USE OF PERFLUOROHEPTENES IN POWER CYCLE SYSTEMS**
[54] **UTILISATION DE PERFLUOROHEPTENES DANS DES SYSTEMES A CYCLE DE PUISSANCE**
[72] KONTOMARIS, KONSTANTINOS, US
[72] SIMONI, LUKE DAVID, US
[71] THE CHEMOURS COMPANY FC, LLC, US
[85] 2018-08-09
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[54] **QUANTITATIVE IN-SITU TEXTURE MEASUREMENT APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE MESURE QUANTITATIVE IN SITU DE TEXTURE**
[72] BAI, OU, US
[72] BOURG, WILFRED MARCELLIEN, US
[72] MICHEL-SANCHEZ, ENRIQUE, US
[72] ALI MIRZA, SHAHMEER, US
[71] FRITO-LAY NORTH AMERICA INC., US
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[54] **DISPOSITIF DE MESURE DE HAUTEUR**
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[71] JONES, MARK CONRAD, US
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[54] **NON-HUMAN ANIMALS HAVING A MUTANT KYNURENINASE GENE**
[54] **ANIMAUX NON HUMAINS AYANT UN GENE DE KYNURENINASE MUTANT**
[72] KYRATSOUS, CHRISTOS, US
[72] MUJICA, ALEXANDER O., US
[71] REGENERON PHARAMACEUTICALS, INC., US
[85] 2018-08-09
[86] 2017-02-16 (PCT/US2017/018166)
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[25] EN
[54] **COMPOSITE BOARD COMPOSED OF WOOD MATERIAL WITH A MIDDLE LAYER MADE OF PLYWOOD**
[54] **PANNEAU COMPOSITE EN MATERIAU DERIVE DU BOIS, POURVU D'UNE COUCHE INTERMEDIAIRE EN CONTREPLAQUE**
[72] BRAUN, ROGER, CH
[72] HOFER, JOSEF, CH
[71] SWISS KRONO TEC AG, CH
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[54] **DAMPING BEARING**
[54] **PALIER D'AMORTISSEMENT**
[72] KHAN, KAMRAN, CA
[72] REISINGER, HELMUT, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. F16L 55/179 (2006.01) F16L 55/26 (2006.01)**
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[54] **MEANS AND METHOD FOR LINING A PIPE**
[54] **MOYEN ET PROCEDE POUR DOUBLER UN TUYAU**
[72] KIEST, LARRY W., JR., US
[71] LMK TECHNOLOGIES, LLC, US
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[54] **NATURAL EXPRESSION PROCESSING METHOD, PROCESSING AND RESPONSE METHOD, DEVICE AND SYSTEM**
[54] **PROCEDE DE TRAITEMENT D'EXPRESSION NATURELLE, PROCEDE, DISPOSITIF ET SYSTEME DE TRAITEMENT ET DE REPONSE**
[72] YU, ZILI, CN
[71] ICON TEK CORPORATION, KY
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[54] **LUNG CANCER BIOMARKERS AND USES THEREOF**
[54] **BIOMARQUEURS DE CANCER DU POUMON ET UTILISATIONS ASSOCIEES**
[72] GOLD, LARRY, US
[72] STANTON, MARTY, US
[72] BRODY, EDWARD N., US
[72] OSTROFF, RACHEL M., US
[72] ZICHI, DOMINIC, US
[72] STEWART, ALEX A., US
[71] SOMALOGIC, INC., US
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[54] **TOUCH EVENT MODEL**
[54] **MODELE D'EVENEMENTS PAR TOUCHE(S)**
[72] BEAVER, JASON CLAY, US
[72] PLATZER, ANDREW, US
[71] APPLE INC., US
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[54] **METHOD AND SYSTEM FOR SECURE ORDER MANAGEMENT SYSTEM DATA ENCRYPTION, DECRYPTION, AND SEGMENTATION**
[54] **PROCEDE ET SYSTEME DE CHIFFREMENT, DECHIFFREMENT ET SEGMENTATION DE DONNEES D'UN SYSTEME DE GESTION DE COMMANDE SECURISE**
[72] RATICA, ADAM, US
[71] CARDINAL COMMERCE CORPORATION, US
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[25] EN
[54] **MANAGING OBJECTS USING A CLIENT-SERVER BRIDGE**
[54] **GESTION D'OBJETS A L'AIDE D'UN PONT CLIENT-SERVEUR**
[72] FARVER, JENNIFER M., US
[72] GOLDSHLAG, JOSHUA, US
[72] PARMENTER, DAVID W., US
[72] SCHECHTER, IAN, US
[72] WAKELING, TIM, US
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[54] **SYSTEM FOR AMPLIFICATION OF A FETAL DNA SPECIES**
[54] **SYSTEME D'AMPLIFICATION D'ESPECES D'ADN FOETALES**
[72] LO, YUK MING DENNIS, CN
[72] POON, LIT MAN, CN
[71] THE CHINESE UNIVERSITY OF HONG KONG, CN
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[25] EN
[54] **MEANS AND METHODS FOR DIAGNOSING HEART FAILURE IN A SUBJECT**
[54] **MOYENS ET METHODES DE DIAGNOSTIC D'UNE INSUFFISANCE CARDIAQUE CHEZ UN SUJET**
[72] FUHRMANN, JENS, DE
[72] RESZKA, REGINA, DE
[72] KASTLER, JURGEN, DE
[72] BUSCH, KRISTINA, DE
[72] LEIBOLD, EDGAR, DE
[72] KATUS, HUGO, DE
[72] FREY, NORBERT, DE
[72] WOLF, JOHANNA, DE
[72] WEIS, TANJA, DE
[71] METANOMICS GMBH, DE
[71] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE
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[54] **METHOD AND SYSTEM FOR PROGRAMMABLE LOOP RECORDING**
[54] **PROCEDE ET SYSTEME D'ENREGISTREMENT EN BOUCLES PROGRAMMABLES**
[72] ARMS, STEVEN, US
[71] SWARMS VENTURES, LLC, US
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[25] EN
[54] **AN IN-CIRCUIT SECURITY SYSTEM AND METHODS FOR CONTROLLING ACCESS TO AND USE OF SENSITIVE DATA**
[54] **SYSTEME DE SECURITE EN-CIRCUIT ET PROCEDES DE COMMANDE D'ACCES A ET D'UTILISATION DE DONNEES SENSIBLES**
[72] RUSSELL, DAVID C., US
[72] JOHNSON, BARRY W., US
[72] TILLACK, JONATHAN A., US
[72] OLVERA, KRISTEN R., US
[71] APPLE INC., US
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[51] **Int.Cl. F24F 13/20 (2006.01) F24F 13/28 (2006.01)**
[25] EN
[54] **AIR TREATMENT DEVICE AND HOUSING FOR AN AIR TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DE L'AIR ET BATI CONNEXE**
[72] SHORE, ANGELA NIXON, US
[72] HAYNES, ANNIE PIERCE, US
[72] STAFFORD, CAROLYN MORGAN, US
[72] FORDING, JAY KINSLEY, US
[72] MANLEY, PAUL RICHARD, US
[72] LORENZ, MICHAEL ANTHONY, US
[72] MORA, LUDWIN MIGUEL, US
[72] CHOI, HUN JUNG, KR
[72] KIM, YOUNG JO, KR
[71] LOWE'S COMPANIES, INC., US
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[25] EN
[54] **AIR TREATMENT DEVICE AND HOUSING FOR AN AIR TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DE L'AIR ET BATI CONNEXE**
[72] SHORE, ANGELA NIXON, US
[72] HAYNES, ANNIE PIERCE, US
[72] STAFFORD, CAROLYN MORGAN, US
[72] FORDING, JAY KINSLEY, US
[72] MANLEY, PAUL RICHARD, US
[72] LORENZ, MICHAEL ANTHONY, US
[72] MORA, LUDWIN MIGUEL, US
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[71] LOWE'S COMPANIES, INC., US
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[54] **DISPOSITIF D'ENTRAINEMENT PORTABLE**
[72] WINNARD, STANLEY D., US
[71] WINNARD, STANLEY D., US
[22] 2012-03-09
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[51] **Int.Cl. C12N 9/24 (2006.01) A23K 20/189 (2016.01) A21D 8/04 (2006.01) C11D 3/386 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 9/42 (2006.01) C12N 15/56 (2006.01) C12P 19/02 (2006.01) C12P 19/14 (2006.01) D21C 9/10 (2006.01)**
[25] EN
[54] **MUTANT XYLANASE, MANUFACTURING METHOD AND USE THEREFOR, AND METHOD FOR MANUFACTURING SACCHARIFIED LIGNOCELLULOSE**
[54] **XYLANASE MUTANTE, PROCEDE DE FABRICATION ET UTILISATION DE CELLE-CI, ET_PROCEDE DE FABRICATION DE LIGNOCELLULOSE SACCHARIFIEE**
[72] YANAI, HISAAKI, JP
[72] TAMAI, HIROKI, JP
[72] OSABE, MASAMI, JP
[72] YOKOYAMA, FUMIKAZU, JP
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[72] CONRAD, WAYNE ERNEST, CA
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[54] **SYSTEME ET PROCEDE D'ECHANGE AUTOMATISE D'INTERETS FINANCIERS**
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[72] BAIN, STEPHEN, CA
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[54] **FIXATION PORTABLE DE BOUCLE DE DETECTION A FIBRE OPTIQUE**
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[72] SITKA, MARK A., US
[72] SOBOLEWSKI, ZBIGNIEW, US
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[54] **PROCEDE ET DISPOSITIF DE PAIEMENT DE CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
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[54] **DERIVES PYRAZINES UTILES EN TANT QU'INHIBITEURS D'ATR KINASE**
[72] CHARRIER, JEAN-DAMIEN, GB
[72] DURRANT, STEVEN, GB
[72] KAY, DAVID, GB
[72] KNEGTEL, RONALD, GB
[72] MACCORMICK, SOMHAIRLE, GB
[72] MORTIMORE, MICHAEL, GB
[72] O'DONNELL, MICHAEL, GB
[72] PINDER, JOANNE, GB
[72] REAPER, PHILIP MICHAEL, GB
[72] RUTHERFORD, ALISTAIR, GB
[72] VIRANI, ANISA NIZARALI, GB
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[72] SEARLE, GARY, US
[72] KNAPP, KEITH, US
[72] SKUTNIK, PETER, US
[72] PETRIE, AIDAN, US
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[72] MARJAMA, MARCUS L., US
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[54] **PROCEDES ET COMPOSITIONS UTILISES POUR LA LIBERATION PROLONGEE DE CHROME**
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[71] JDS THERAPEUTICS, LLC, US
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[72] AKKAYA, ONUR CAN, US
[72] DIGONNET, MICHEL J.F., US
[72] KILIC, ONUR, US
[72] KINO, GORDON S., US
[72] SOLGAARD, OLAV, US
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[54] **SYSTEME ET PROCEDE D'ANALYSE D'INTRUSION ABUSIVE DANS UN RESEAU INFORMATIQUE**
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[72] BECK, LAURENCE H., US
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[54] **POUDRES DE BISULFURE DE MOLYBDENE, LEURS PROCEDES ET APPAREIL DE FABRICATION**
[72] LOGUE, GREGORY RUE, US
[72] GIANNOTTI, LARRY, US
[72] DEGALA, GARY G., US
[72] COLE, JAMES A., US
[72] COTTRELL, DAVID L., US
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[54] **CATALYSEUR ET PROCEDE POUR LA PRODUCTION DE CARBURANT DIESEL A PARTIR DE GAZ NATUREL, DE LIQUIDES DU GAZ NATUREL OU D'AUTRES CHARGES DE DEPARTGAZEUSES**
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[72] BALASKI, TRAVIS, CA
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[72] EDBURY, DAVID ALSTON, GB
[72] GUERRERO, JOSE VICTOR, US
[72] MACDONALD, DUNCAN CHARLES, US
[72] NORMAN, JASON B., US
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[54] **CIVIERE D'AMBULANCE MOTORISEE AVEC UN SYSTEME DE COMMANDE DE CIVIERE AUTOMATISE**
[72] BLICKENSDERFER, COLLEEN Q., US
[72] MAGILL, BRIAN M., US
[72] WELLS, TIMOTHY R., US
[72] SAR, PREETI, US
[72] ROBINSON, DERICK C., US
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[54] **ENSEMBLE DE PLOMBERIE BRUTE POUR ROBINET DE BAIGNOIRE AUTOPORTANT**
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[72] JONES, SCOTT K., US
[72] DEVRIES, ADAM M., US
[71] DELTA FAUCET COMPANY, US
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[54] **CENTRE DE DONNEES MODULAIRE A HAUTE DENSITE ET A ECONOMIE D'ESPACE ET SYSTEME DE REFROIDISSEMENT EFFICACE EN ENERGIE**
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[72] KEISLING, EARL, US
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[71] SOUTHWIRE COMPANY, LLC, US
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[72] MORRISON, ANGUS, GB
[71] BASF PHARMA (CALLANISH) LIMITED, GB
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[54] **SYSTEME ET PROCEDE POUR ENTRAINER UN ELEMENT DE FIXATION**
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[54] **COMPOSITIONS A PENETRATION ELEVEE ET LEURS APPLICATIONS**
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[54] **NANOSTRUCTURES APPROPRIEES POUR LA SEQUESTRATION DU CHOLESTEROL ET D'AUTRES MOLECULES**
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[72] MIRKIN, CHAD A., US
[72] GILJOHANN, DAVID A., US
[72] THAXTON, C. SHAD, US
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[72] MARTY, GARRY ROBIN, US
[72] THOMAS, KURT JUDSON, US
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[71] DELTA FAUCET COMPANY, US
[22] 2013-03-13
[41] 2013-09-19
[62] 2,965,649
[30] US (61/610,205) 2012-03-13
[30] US (61/722,074) 2012-11-02

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[21] **3,013,618**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRAZOLO[1,5-A]PYRIMIDINE COMPOUNDS AS TRK KINASE INHIBITORS**
[54] **COMPOSES PYRAZOLO[1,5-A]PYRIMIDINES SUBSTITUEES EN TANT QU'INHIBITEURS DES TRK KINASES**
[72] ALLEN, SHELLEY, US
[72] ANDREWS, STEVEN WADE, US
[72] CONDROSKI, KEVIN RONALD, US
[72] HAAS, JULIA, US
[72] HUANG, LILY, US
[72] JIANG, YUTONG, US
[72] KERCHER, TIMOTHY, US
[72] SEO, JEONGBEOB, US
[71] ARRAY BIOPHARMA INC., US
[22] 2010-07-09
[41] 2011-01-13
[62] 2,767,648
[30] US (61/224,196) 2009-07-09
[30] US (61/346,767) 2010-05-20

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[21] **3,013,622**
[13] A1
[51] **Int.Cl. A61F 2/966 (2013.01)**
[25] EN
[54] **CATHETER WITH RETRACTABLE SLEEVE AND METHOD OF USING CATHETER SYSTEM**
[54] **CATHETER COMPORTANT UN MANCHON RETRACTABLE ET PROCEDE D'UTILISATION D'UN SYSTEME DE CATHETER**
[72] COHEN, ITSHAK, IL
[72] MAXIMUK, SHAHAR, IL
[72] MOISEYEV, GILAD, IL
[71] MEDINOL LTD., IL
[22] 2013-07-23
[41] 2014-03-06
[62] 2,878,799
[30] US (13/560,132) 2012-07-27

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[21] **3,013,745**
[13] A1
[51] **Int.Cl. B21D 22/26 (2006.01) B21D 5/01 (2006.01)**
[25] EN
[54] **PRESS MOLDED PRODUCT**
[54]
[72] KUBO, MASAHIRO, JP
[72] MIYAGI, TAKASHI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] SUZUKI, TOSHIYA, JP
[72] YOSHIDA, HIROSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[22] 2016-04-21
[41] 2016-10-27
[62] 2,983,388
[30] JP (2015-087503) 2015-04-22
[30] JP (2015-087502) 2015-04-22

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[21] **3,013,758**
[13] A1
[51] **Int.Cl. A61F 2/90 (2013.01) A61M 31/00 (2006.01)**
[25] EN
[54] **INTRAVASCULAR ANEURYSM TREATMENT DEVICE AND METHODS**
[54] **DISPOSITIF DE TRAITEMENT D'ANEVRISME INTRAVASCULAIRE ET METHODES**
[72] HOLZER, ASHER, IL
[72] BAR ELI, IL
[72] PAZ, OFIR, IL
[71] INSPIREMD LTD., IL
[22] 2007-11-21
[41] 2008-05-29
[62] 2,670,724
[30] US (60/860,486) 2006-11-22

[21] **3,013,814**
[13] A1
[51] **Int.Cl. G08C 19/36 (2006.01) A61B 5/145 (2006.01) G01R 31/04 (2006.01) G02B 6/42 (2006.01)**
[25] EN
[54] **SELF POWERED SERIAL-TO-SERIAL OR USB-TO-SERIAL CABLE WITH LOOPBACK AND ISOLATION**
[54] **CABLE D'AUTO-ALIMENTATION SERIE-SERIE OU USB-SERIE AVEC REBOUCLAGE ET ISOLATION**
[72] GISLER, SCOTT, US
[72] ARNDT, DAVE, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2004-06-23
[41] 2004-12-30
[62] 2,820,518
[30] US (60/483,230) 2003-06-30
[30] US (60/483,247) 2003-06-30

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[21] **3,013,973**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/10 (2012.01) G06F 21/62 (2013.01)**
[25] EN
[54] **AUTHORIZATION OF CASH DELIVERY**
[54] **AUTORISATION DE REGLEMENT EN ESPECES**
[72] LICCIARDELLO, DONALD C., US
[72] LICCIARDELLO, DEBRA LYNN, US
[72] TAGGART, RUSH, US
[72] LICCIARDELLO, JOHN D., US
[71] ACE SERIES A. HOLDCO LLC, US
[22] 2011-08-25
[41] 2012-03-01
[62] 2,845,801
[30] US (61/376,908) 2010-08-25

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[21] **3,014,017**
[13] A1
[51] **Int.Cl. B65D 88/30 (2006.01) B65G 3/00 (2006.01) E21B 41/00 (2006.01) E21B 43/267 (2006.01)**
[25] EN
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[72] OREN, JOHN, US
[72] OREN, JOSHUA, US
[71] OREN TECHNOLOGIES, LLC, US
[22] 2013-04-05
[41] 2014-01-30
[62] 2,875,947
[30] US (13/555,635) 2012-07-23
[30] US (13/628,702) 2012-09-27
[30] US (13/660,855) 2012-10-25
[30] US (13/660,866) 2012-10-25
[30] US (13/660,870) 2012-10-25

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DOW TECHNOLOGY INVESTMENTS LLC 3,014,177
DREXEL UNIVERSITY 3,013,792
DRIESEN, BRENT A. 3,013,670
DROSTE, MIRIAM 3,014,001
DROSTE, MIRIAM 3,014,067
DUBUIS ET CIE 3,013,965
DUDDRIDGE, GEOFFREY DAVID 3,014,086
DUERKES, LAWRENCE J. 3,013,627
DUNGWORTH, HOWARD ROGER 3,014,024
DUVAUT, DAMIEN 3,014,038
DUVAUT, NICOLAS 3,014,038
DY 4 SYSTEMS INC. 3,014,085
EBRAHIMI, HAMID 3,013,887
ECKSTEIN, THOMAS 3,014,144
ECOINNO (H.K.) LIMITED 3,014,093
EDGINGTON, ALEC 3,013,687
EDWARDS LIFESCIENCES CORPORATION 3,014,068
EFFERENT LABS, INC. 3,013,656
EHASHI YUIKO 3,014,035
EHDE, DANIEL 3,013,775
EHLERS, JEFF 3,013,654
EICHSTETTER, EDWARD 3,013,956
EILMUS, SASCHA 3,013,958
EILMUS, SASCHA 3,013,960
EILMUS, SASCHA 3,013,963
EISAI R&D MANAGEMENT CO., LTD. 3,013,791
EITAN, ALECSANDER PETRU 3,013,813
EKU POWER DRIVES GMBH 3,013,956
ELCOCK, ALBERT F. 3,013,945
ELLERVIK, ULF 3,013,809
ELLIS, JAMES E. 3,013,908
ELMER, SIDNEY PAUL 3,013,768
ELSOHLY, MAHMOUD A. 3,013,037
EMPRINGHAM, LEE 3,013,665
ENGELHOLM, LARS HENNING 3,013,677
ENGINEERED ANTIGENS INC. 3,013,952
ENT TECHNOLOGIES PTY LTD 3,013,942
EOLAS THERAPEUTICS, INC. 3,013,927
EPIZYME, INC. 3,011,186
EQUINOR ENERGY AS 3,013,638
ERICKSON, GARY 3,013,804
ERIKSSON, FREDRIK 3,014,095
ESCO GROUP LLC 3,014,044
ESPINOSA, THOMAS M. 3,014,187
ESSILOR INTERNATIONAL 3,013,688
ESTABLISHMENT LABS S.A. 3,013,698
ETHIER, GERMAIN 3,000,943
EVANS, ROBERT 3,014,202
EVAPCO, INC. 3,013,772
EVERGREEN PACKAGING LLC 3,013,368

EVERSEALED WINDOWS, INC. 3,013,908
EVONIK DEGUSSA GMBH 3,013,675
EWALD SANDER, FRIDA 3,013,881
EXPLORAMED NC7, INC. 3,013,660
EXPLORAMED NC7, INC. 3,014,077
F. HOFFMANN-LA ROCHE AG 3,013,683
F. HOFFMANN-LA ROCHE AG 3,013,696
FADEEV, IVAN ALEKSANDROVICH 3,000,240
FAFOURNOUX, ALEXIS 3,013,933
FAHRAEUS, ROBIN 3,013,685
FALB, DEAN 3,013,770
FALLER, KENNETH M. 3,013,990
FANCHER, HERSHEL E. 3,013,658
FANG, SHIMING 3,014,118
FARRELL, RONAN 3,013,972
FARRELL, RONAN 3,013,977
FARRELL, RONAN 3,013,982
FARRELL, RONAN 3,013,983
FARRES BERENGUER, ESTEVE 3,013,695
FECTEAU, PIERRE 3,000,943
FEGAN, CHRIS 3,012,233
FENTON, PATRICK 3,013,947
FEYEN, JEAN 3,013,808
FILIP, SORIN VASILE 3,013,661
FILIP, SORIN VASILE 3,013,833
FILIP, SORIN VASILE 3,013,834
FIND INNOVATION LABS INC. 3,013,640
FINDLAY, ALISON DOROTHY 3,013,819
FINDLAY, ALISON DOROTHY 3,013,850
FINE COTTON FACTORY INC. 3,013,649
FINKE, ROBERT 3,011,273
FIORUCCI, ALESSANDRO 3,013,692
FISCHER, JORG THILO 3,011,322
FISCHER, REINER 3,013,958
FISCHER, REINER 3,013,960
FISCHER, REINER 3,013,963
FISHER, ADAM B. 3,013,770
FISHKIN, ALEXEY 3,013,822
FISHKIN, ALEXEY 3,013,824
FJETLAND, LARS 3,014,040
FOIX, LORI 3,013,654
FOOT, JOHN 3,013,647
FOOT, JONATHAN STUART 3,013,819
FOOT, JONATHAN STUART 3,013,850
FORD, BRENT C. 3,013,970
FORMA THERAPEUTICS, INC. 3,014,192
FORMA THERAPEUTICS, INC. 3,014,194
FORMAN, STEPHEN J. 3,013,773
FORSBERG, CHRIS 3,013,203
FOSKEY, TAKIYA J. 3,014,198
FOSSATI, TIZIANO 3,013,530
FOURNIE, GLENN 3,013,769
FOURNIE, GLENN G. 3,013,720
FRANCHETTO, GIULIANO 3,013,793
FRANCK, FABRICE 3,014,135
FRANCK, FABRICE 3,014,141
FRANDSEN, CAMILLA HASLING 3,013,673
FRATES, ALBERT 3,013,776
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 3,013,657
FREEDMAN, JONATHAN R. 3,014,076
FREEMAN, THOMAS BERNARD 3,013,768
FRITO-LAY NORTH AMERICA INC. 3,014,206
FRUNZIO, LUIGI 3,011,302
FUJIE, SHUNPEI 3,013,708
FUJII, MAO 3,014,163
FUJIMOTO, HIROKI 3,013,886
FUJIO, YOSHIHIKO 3,013,893
FUJIO, YOSHIHIKO 3,014,160
FUNADA, NAOYUKI 3,011,578
FUNG, EDITH W. 3,013,761
FURUKAWA, MASAAKI 3,013,883
FURUUCHI, KEIJI 3,013,791
G.L. PHARMA GMBH 3,014,005
G.L. PHARMA GMBH 3,014,007
GAAL, PETER 3,013,918
GAINES, TODD 3,013,778
GALE, BRIAN D. 3,013,906
GALLAGHER, MICHAEL 3,014,151
GALLEY, GUIDO 3,013,696
GALLON, GILMARY 3,013,648
GANORKAR, KIRTI 3,014,168
GAO, DI 3,013,668
GAO, HONG 3,013,898
GAO, XIONG 3,013,680
GAO, YVONNE 3,011,302
GARCIA ALVAREZ, JAVIER 3,013,839
GARCIA-RATES, SARA 3,012,233
GARON, PIERRE 3,014,086
GARRETT, GREGGORY JAMES 3,013,788
GASCONTEC AG 3,013,967
GATES, IAN D. 3,013,875
GE LIGHTING SOLUTIONS, LLC 3,014,087
GEDEA BIOTECH AB 3,013,809
GEISSLER, RANDOLPH KEITH 3,013,698
GELADA CAMPS, JAUME 3,013,695
GELLING, VICTORIA 3,013,784
GEMMACERT LTD. 3,013,749
GENENTECH, INC. 3,013,668
GENERAL ELECTRIC COMPANY 3,013,787
GENERAL ELECTRIC COMPANY 3,013,804
GENERAL ELECTRIC TECHNOLOGY GMBH 3,014,118
GENERAL ELECTRIC TECHNOLOGY GMBH 3,014,132
GENERAL MILLS, INC. 3,012,524
GENEXINE, INC. 3,014,164
GENNARO, LYNN A. 3,013,668
GENOVIS AB 3,013,527
GERIN, STEPHANIE 3,014,135
GERIN, STEPHANIE 3,014,141
GHYSELS, BART 3,014,135
GHYSELS, BART 3,014,141
GIANCOTTI, MARCO 3,014,127
GIANCOTTI, MARCO 3,014,129
GIBER, JANOS 3,013,282
GIBSON, SCOTT R. 3,014,063
GILES, JASON F. 3,014,177
GILL, BRIJESH S. 3,013,779
GILSTRING, GERT 3,013,894
GIMENO TORDERA, ALBERT 3,013,663
GIMENO TORDERA, ALBERT 3,014,111
GLOBE FOOD EQUIPMENT COMPANY 3,013,912
GLYNN, KENNETH P. 3,013,821
GOCAL, GREGORY F.W. 3,014,036
GODANI, ANDREA 3,014,155
GODAUX, DAMIEN 3,014,135
GODAUX, DAMIEN 3,014,141
GODERICH, EVELIO 3,014,158
GOEBEL, MICHAEL 3,014,101
GOERING, JONATHAN 3,014,041
GOJO INDUSTRIES, INC. 3,013,786
GOLDEN BIOTECHNOLOGY CORPORATION 3,014,057
GOLDMAN, BRENT 3,014,011
GOLOBISH, THOMAS 3,013,636
GONTHIER, JEROME 3,014,024
GONZALEZ, DAVID C. 3,012,524
GONZALEZ, TANHIA D. 3,012,524
GOOD, NATHAN A. 3,013,678
GORGENS, ULRICH 3,013,958
GORGENS, ULRICH 3,013,960
GOTZ, MARCUS RUDOLF 3,011,322
GRABARNIK, VLADIMIR EFIMOVICH 3,013,869
GRAHAM, NEIL 3,014,202
GRAPOV, YURI 3,014,185
GRASSO, DANIEL J. 3,013,802
GRAY-OWEN, SCOTT D. 3,013,952
GREENFIELD, SUSAN 3,012,233
GREENMANTRA RECYCLING TECHNOLOGIES LTD. 3,013,953
GREENWOOD, WILLIAM 3,014,191
GREIFF, PAUL 3,013,913
GREIMEL, KATRIN 3,014,005
GREIMEL, KATRIN 3,014,007
GRIM, DOUG 3,013,776
GRUDA, MARYANN 3,013,636
GRUENEBERG, KARSTEN 3,013,657
GUBITZ, GEORG 3,014,005
GUBITZ, GEORG 3,014,007
GUERIN, DAVID JOSEPH 3,014,192
GUERIN, DAVID JOSEPH 3,014,194
GUIDOTTI, LUCIANO 3,014,127
GUIDOTTI, LUCIANO 3,014,129
GUILLON, CHRIS 3,013,953
GUIRAUD, JULIEN 3,013,789
GUL, WASEEM 3,013,037
GULIASHVILI, TAMAZ 3,013,636
GURT PLA, SALVADOR 3,013,695
H2WIN S.A. 3,014,135
H2WIN S.A. 3,014,141
HA, HENGXU 3,014,118
HA, HENGXU 3,014,132
HAAS, DANIEL R. 3,013,658
HAEHN, STEVEN 3,013,654

HAGHNEGAHDAR, ALIREZA 3,013,640
HAGHNEGAHDAR, POYA 3,013,640
HALLEZ, LOUIS-NICOLAS 3,013,831
HAMILTON, DOUGLAS M. 3,013,632
HANDOK INC. 3,014,164
HANMI FINE CHEMICAL CO., LTD. 3,013,750
HANSON, IAN B. 3,014,063
HARADA, NAOZUMI 3,014,027
HARB, REDA 3,013,928
HAROUNIAN, KAVEH 3,011,105
HARRIS, HANNAH MARIE 3,013,037
HARRISON, ROBERT 3,013,659
HARTDEGEN, VERNON R. 3,014,047
HAUGLAND, LASSE 3,014,025
HAUPT GIRO, MARC-ARNOLD 3,013,695
HAVERHALS, LUKE MICHAEL 3,014,201
HAVI GLOBAL SOLUTIONS, LLC 3,013,620
HAYAKAWA YASUYUKI 3,014,035
HAYASHI, TAKASHI 3,013,652
HAZELWOOD, JOHN 3,013,664
HE, YUANJUN 3,013,927
HEATGENIE, INC. 3,013,970
HEIL, MARKUS 3,013,958
HEIL, MARKUS 3,013,960
HEIL, MARKUS 3,013,963
HELIXBIND, INC. 3,014,069
HELLGE, CORNELIUS 3,013,657
HELLSTRAND, KRISTOFFER 3,013,881
HELSTRUP, OLE ANDERS 3,013,638
HENDERSHOT, REED JACOB 3,014,023
HENKE, JOSEPH ALBERT 3,014,081
HENNEAU, PHILIPPE 3,013,826
HENNEAU, PHILIPPE 3,013,830
HERBERS, GREGORY J. 3,013,798
HESSE, MATTHEW D. 3,013,795
HESSLER, MARTIN 3,014,029
HICKEY, LAUREN 3,013,628
HIDAKA, KUNIHIKO 3,013,883
HIGH, DONALD R. 3,014,051
HIGH, DONALD R. 3,014,171
HILDEBRANDT, CURTIS M. 3,013,778
HILLMAN, DAVID 3,014,085
HINRICHSEN, ERIK 3,014,185
HISTED, JONATHAN ROSSER 3,013,691
HK IP LLC 3,013,774
HOBEN, JOHN CHARLES 3,014,050
HOCHI, MOTONORI 3,014,163
HOCHMUTH, JOHN K. 2,972,861
HOEG, JESPER 3,013,961
HOENER, MARIUS 3,013,696
HOFEL, TORBEN 3,013,672
HOFEL, TORBEN 3,013,993
HOFER, JOSEF 3,014,212
HOGNALAND, INGVAR 3,014,145
HOGREL, JEAN-YVES 3,013,669
HOLCIM TECHNOLOGY LTD 3,013,852
HOLCIM TECHNOLOGY LTD 3,013,854
HOLDEN, JEFF 3,014,011
HOLENZ, JORG 3,013,927
HOLL, EUGEN 3,013,651
HOLLIS, MICHAEL CHAD 3,014,047
HOLMBERG, ANNE 3,014,095
HOLT, KRIS 3,013,937
HONEYWELL AEROSPACE 3,014,085
HONG, MANQING 3,013,916
HONG, SAM 3,013,650
HOODA, YOGESH 3,013,952
HOPP, DAVID 3,013,720
HOPPER, ALLEN T. 3,013,760
HOSSEN, MONJUR 3,013,798
HRUBY, DENNIS E. 3,013,937
HS PRODUCTS LIMITED 3,014,151
HSIEH, TOM HAN HSIAO 3,013,882
HU, YINGHU 3,013,682
HUANG, GUANYI 3,013,768
HUAWEI TECHNOLOGIES CO., LTD. 3,013,655
HUAWEI TECHNOLOGIES CO., LTD. 3,013,680
HUBBELL INCORPORATED 3,013,632
HUBER, DANIELA 3,014,005
HUBER, DANIELA 3,014,007
HUBER, DONALD LEE 3,014,076
HUBER, MARK 3,013,772
HUBERT, BRIAN N. 3,013,913
HULSEMAN, RALPH ALLEN 3,013,620
HUNDLEY, JILL 3,013,759
HUNG, KELVIN 3,013,346
HUNTER DOUGLAS INC. 3,013,990
HUNTING TITAN, INC. 3,014,081
HURST, JASON 3,013,776
HUTCHINSON, JOHN HOWARD 3,013,917
ICENTIA INC. 3,000,943
IIDA SANGYO CO., LTD. 3,013,892
IKEDA, HISATOSHI 3,013,883
ILG, KERSTIN 3,013,958
ILG, KERSTIN 3,013,960
ILG, KERSTIN 3,013,963
IMAGO SYSTEMS, INC. 3,013,926
IMAOKA, YOSHIHIRO 3,014,157
IMMUNE PHARMACEUTICALS LTD. 3,013,881
IMRAN, MIR 3,014,200
INCUBE LABS, LLC 3,014,200
INDUSTRIE DE NORA S.P.A. 3,013,692
INDYK, BENJAMIN 3,013,346
INNOGY SE 3,013,523
INNOGY SE 3,013,954
INNOVATIVE MEASUREMENT METHODS, INC. 3,014,050
INNOVENTRIC LTD. 3,013,861
INOUBLI, RABER 3,013,936
INOUE, TAKAO 3,014,157
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 3,013,845
INSTITUT GUSTAVE ROUSSY 3,013,685
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 3,013,666
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 3,014,034
INTELLINIUM 3,013,793
INTUIT INC. 3,013,346
INVENTIO AG 3,013,826
INVENTIO AG 3,013,830
IOANNIDIS, STEPHANOS 3,014,192
IOANNIDIS, STEPHANOS 3,014,194
IONIX ADVANCED TECHNOLOGIES LTD 3,013,686
IPG PHOTONICS CORPORATION 3,014,185
ISABELLA, VINCENT M. 3,013,770
ISLAM, MD AMINUL 3,013,638
ITB PACKAGING LLC 3,013,915
ITT MANUFACTURING ENTERPRISES LLC 3,013,665
JACKEROTT, MALENE 3,013,683
JACOBI, ROBERT W. 3,013,029
JADHAV, NITEEN 3,013,784
JANG, WOO ICK 3,014,164
JANSEN, JOHANNES-RUDOLF 3,013,958
JANSEN, JOHANNES-RUDOLF 3,013,960
JANSEN, JOHANNES-RUDOLF 3,013,963
JANSSEN PHARMACEUTICA NV 3,014,013
JANUSZKIEWICZ, LUKASZ 3,013,874
JAQUITH, JAMES BRIAN 3,013,882
JAROLIMEK, WOLFGANG 3,013,819
JAROLIMEK, WOLFGANG 3,013,850
JAVANBAKHT, HASSAN 3,013,683
JAWAHAR, JANARDHANAN 3,014,166
JENIVISION INC. 3,012,197
JEUNINK, FRANCISCUS ARNOLDUS MARIA 3,014,023
JFE STEEL CORPORATION 3,014,035
JIANGSU BEIER DECORATION MATERIALS CO., LTD. 2,981,425
JIANGSU HENGRUI MEDICINE CO., LTD. 3,014,088
JIANGSU HENGRUI MEDICINE CO., LTD. 3,014,090
JIAO, RUI 3,014,087
JOB, NATHALIE 3,014,135
JOB, NATHALIE 3,014,141
JOHNSON & JOHNSON SURGICAL VISION, INC. 3,013,628
JOHNSON & JOHNSON SURGICAL VISION, INC. 3,013,761
JOINT INNOVATION TECHNOLOGY LLC 3,013,635
JONCKX, BART 3,013,808
JONES, MARK CONRAD 3,014,199
JONES, MARK CONRAD 3,014,207
JONES, PETER R. H. 3,014,019
JORDA CAMPOS, CARLOS 3,013,839
JRC INNOVATION LIMITED 3,013,691
JUAREZ, JOSEPH 3,014,085
JUDD, ANDREW 3,013,952
JUMPCODE GENOMICS, INC. 3,013,932
JUN, LIU 3,013,783

JUPE, RICHARD 3,014,147
KADAMUS, CHRISTOPHER 3,013,706
KALBERER, RODERICK W. 3,013,368
KAMANN, MARTIN 3,013,672
KAMANN, MARTIN 3,013,993
KAMBHAMPATI, SIVA PRAMODH 3,013,922
KAMENECKA, THEODORE M. 3,013,927
KAMIYAMA, FUMIO 3,013,704
KAMMERER, SVEN 3,014,097
KANDAL, INGE ARNE 3,014,028
KANE, PRASHANT 3,014,168
KAPOGIANIS, VASILIOS K. 3,013,763
KARCH, MICHAEL M. 3,014,046
KARELIN, NIKOLAI VIKTOROVICH 3,013,869
KARIUS, INC. 3,014,070
KARLES, GEORGE 3,014,147
KASCAK, UROS 3,013,706
KASHIV PHARMA LLC 3,013,326
KATO, YASUNORI 3,014,156
KATZUR, EVA-MARIA 3,013,993
KAUTSCH, DEWAINE 3,014,075
KEENAN, ERICA 3,014,077
KEENAN, PATRICK 3,013,717
KELLMANN, RALF 3,014,109
KELLOGG COMPANY 3,013,798
KENNEDY, JAMES 3,013,646
KENNEDY, JEFFREY K. 3,014,085
KERNAN, DANIEL J. 3,013,665
KERTESZ, MICHAEL 3,014,070
KETTLEWELL, RICHARD 3,013,687
KEY, STEFFEN 3,013,840
KHADEMHOSSEINI, ALI 3,013,782
KHEIRKHAH, AHMAD 3,013,782
KHUDONOGOV, ANDREJ VIKTOROVICH 3,000,240
KILDEGAARD, CASPER 3,013,961
KIM, KEVIN J. 3,013,768
KIM, TAE KYUNG 3,014,164
KIM, YU RIM 3,013,750
KINDRED BIOSCIENCES, INC. 3,013,751
KINDRED BIOSCIENCES, INC. 3,013,771
KIRCHNER, RICHARD A. 3,013,654
KIRKHAM, JAMES 3,012,583
KITAOKA, SHOUTA 3,013,704
KITAZAKI, TOORU 3,014,037
KLEIN, MANUEL 3,013,956
KLIMPEL, ERIK 3,013,654
KLINGENBURG GMBH 3,014,091
KLINGENBURG, KAI 3,014,091
KLOOSTERMAN, JEFFREY 3,014,023
KM INVESTORS, LLC 3,013,901
KNOLL, INC. 3,014,040
KOBAL, GERD 3,014,147
KOBENHAVNS UNIVERSITET(UNIVERSITY OF COPENHAGEN) 3,013,673
KOCER, JARED ERNEST 3,013,670
KOEHL, RICHARD 3,013,759
KONTOMARIS, KONSTANTINOS 3,014,204
KOOSMANN, ADAM C. 3,013,678
KOPECEK, JOSEPH THOMAS 3,014,053
KORNOVICH, LONNIE L. 3,013,719
KORSOS, LASZLO 3,014,011
KORTMAN, CALVIN JAY 3,013,915
KOSIBA, EVA 3,014,085
KOSTER, NICK 3,013,774
KOTULA, JONATHAN W. 3,013,770
KOVAR, SHANNON J. 3,013,913
KRACKER-SEMLER, GUNTHER 3,013,672
KRANTZ, ALEXANDER 3,013,829
KRAUS, LARRY A. 3,013,627
KRETZSCHMAR, TITUS 3,014,001
KRETZSCHMAR, TITUS 3,014,067
KROHMER, STEVEN DONALD 3,014,066
KROUTIL, WOLFGANG 3,014,005
KROUTIL, WOLFGANG 3,014,007
KRUGER, FRIEDHELM 3,014,097
KRUGER, PEER 3,014,097
KRUMME, JOHN 3,014,043
KRUMME, JOHN 3,014,047
KUBBELER, SUSANNE 3,013,958
KUBBELER, SUSANNE 3,013,960
KUBICEK, STEFAN 3,013,988
KUEHN, CLEMENS 3,013,648
KUMADA, AKIKO 3,013,883
KUMAGAI, TATSUYA 3,013,886
KUMAR, NAG SHARWAN 3,013,882
KUMAR, RAVINDRA 3,014,197
KUMAR, SAMARTH 3,014,168
KUMFER, BRYAN J. 3,013,590
KUNKEL, JOSEF 3,013,672
KUPFER, KENNETH J. 3,013,901
KURC, MACIEJ 3,013,874
KUSTER, MARTIN 3,014,150
KVIST, KAJSA 3,013,532
KWIATKOWSKI, KRZYSZTOF C. 3,013,970
KWON, BO SUNG 3,013,750
KX TECHNOLOGIES LLC 3,013,654
KYOTO UNIVERSITY 3,014,027
KYRATSOUS, CHRISTOS 3,014,208
KYRLIDIS, AGATHAGELOS 3,013,816
LABORATORY CORPORATION OF AMERICA HOLDINGS 3,014,055
LADD, AMY L. 3,013,969
LAI, CHRISTINE CHIEH-LIN 3,013,952
LAISNEZ, FREDERIC NICOLAS FRANCOIS 3,013,806
LALOR, JUSTIN 3,013,784
LANCIA, DAVID R., JR. 3,014,192
LANCIA, DAVID R., JR. 3,014,194
LANDONI, ELISA 3,014,067
LANGOHR, PATRICK 3,013,849
LANQUETE, PHILIPPE 3,013,933
LARSON, JACOB H. 3,013,678
LARSON, JAMES B. 3,013,654
LARSSON, NICHOLAS B. 3,014,173
LASTMILE RETAIL, INC. 3,014,073
LATIMER, ANTHONY 3,013,822
LATIMER, ANTHONY 3,013,824
LAUBSCHER, BRYAN 3,014,048
LAUZIER, JONATHAN 3,014,075
LAWSON, BOBBY W. 3,013,671
LAYCOCK, JASON 3,013,203
LAZARUS CARE INTERNATIONAL LIMITED 3,013,676
LEBLANC, ROGER M. 3,013,625
LECHNER, DORIS 3,014,005
LECHNER, DORIS 3,014,007
LEE, FREDERICK C. 3,013,628
LEE, JOAN YOON JI 3,014,164
LEE, KANG 3,013,943
LEE, KANG 3,013,948
LEE, KANG 3,013,951
LEE, KANG 3,013,959
LEE, KOON-YANG 3,014,093
LEE, WILLIAM 3,013,950
LEGASTELOIS, SYLVIE 3,013,968
LEGGE, MATTHEW 3,013,835
LEHMANN MADSEN, KRISTIAN 3,013,961
LEI, JING 3,013,918
LENCZYCKI, ANDREW LLOYD 3,013,703
LEONHARDT, ANDRA UND PARTNER BERATENDE INGENIEURE VBI AG 3,013,957
LEPREE, JASON 3,014,032
LESNIEWSKI, RICHARD 3,013,930
LETAVERNIER, EMMANUEL 3,013,666
LEUNG, TSZ LING CHRISTINA 3,014,072
LEVEL 3 COMMUNICATIONS, LLC 3,013,924
LEWIS, DEBORAH 3,013,675
LEWIS, STEVEN A. 3,013,698
LI, BAOSONG 3,013,680
LI, HONGBIN 3,014,192
LI, HONGBIN 3,014,194
LI, JING 3,013,791
LI, JUSTIN B. 3,013,929
LI, NING 3,013,770
LI, PING 3,013,673
LI, ROBERT 3,014,093
LI, SAN 3,014,147
LI, SHANGHAO 3,013,625
LI, XIANMING JIMMY 3,014,023
LI, YUEJIN 2,972,861
LIBERT, JEAN-PIERRE 3,013,772
LIGGINS, RICHARD TOM 3,013,882
LIMER, ADAM JOHN 3,013,991
LIMER, ADAM JOHN 3,013,994
LIN, SIXIN 3,013,655
LINDBOM, LARS 3,014,029
LINDE AKTIENGESELLSCHAFT 3,013,672
LINDE AKTIENGESELLSCHAFT 3,013,993
LISNYAK, GENNADIY 3,014,158
LITTMANN, FRANCOIS 3,013,832
LIU, JUN 3,013,650
LIU, SHENG-YUNG 3,014,057
LM WP PATENT HOLDING A/S 3,013,961
LOGINOV, ANATOLIJ LEONIDOVICH 3,000,240
LOKKINEN, MIKA 3,013,534
LORELLO, MICHAEL 3,013,667

LORGE, PHILIPPE 3,014,135
LORGE, PHILIPPE 3,014,141
LOSEL, PETER 3,013,958
LOSEL, PETER 3,013,960
LOSEL, PETER 3,013,963
LOU, ANJING 3,013,991
LOU, ANJING 3,013,994
LOVASZ, SANDOR 3,013,282
LOVE, JOHN C. 3,014,063
LOVEGREN, ERIC RUSSELL 3,013,633
LU, YUN 3,014,088
LU, YUN 3,014,090
LUANGSAY, SOUPHALONE 3,013,683
LUIGI LAVAZZA S.P.A. 3,013,872
LUM, PEK YEE 3,013,768
LUTRA AS 3,014,028
LYNN, KYLE E. 3,013,628
LYONS, AMANDA 3,012,583
MA, YONGYUE 3,014,132
MAAS, KRISTIN 3,013,771
MACEY, BRIAN EDWARD 3,013,661
MADISON VACCINES INC. 3,013,930
MAGAROTTO, ANDREA 3,013,529
MAGAZINE, ROHIT 3,014,065
MAH, ANNA 3,013,668
MAHMOUDZADEHVAZIFEH, EHSAN 3,013,640
MAHMOUDZADEHVAZIFEH, MOHAMMAD 3,013,640
MAHYARI, ABBAS 3,014,166
MAIER, JORG ANDREAS 3,013,984
MAIER, JORG ANDREAS 3,013,986
MAJUMDAR, SOUMYAJIT 3,013,037
MAJUMDER, UTPAL 3,013,791
MAKARUK, PIOTR 3,013,874
MAKOWER, JOSHUA 3,013,660
MALINEN, JOUNI 3,013,642
MALINVERNI, SAMUEL 3,013,935
MANNER, SOPHIE 3,013,809
MARINE CANADA ACQUISITION INC. 3,014,086
MARINI, FRANK C. 3,013,630
MARKS, NATHAN E. 3,013,699
MARSDEN, ADAM 3,013,822
MARTIN ROMAN, HECTOR 3,013,839
MARTINEZ PEREZ, ALEJANDRO 3,013,839
MARTINEZ TREVINO, ALEJANDRO ROBERTO 3,013,905
MARTINEZ, ALAIN 3,013,842
MARTNER, ANNA 3,013,881
MARVEL, DOUGLAS MATTHEW 3,014,013
MASOLOV, ANDREJ GENNADEVICH 3,000,240
MASOLOV, VLADIMIR GENNADEVICH 3,000,240
MASON, BRIAN 3,013,660
MASON, BRIAN 3,014,077
MASON, DAVID M. 3,013,804
MASSACHUSETTS EYE AND EAR INFIRMARY 3,013,782
MASSO GUIJARRO, PALOMA 3,013,684
MATHER, DAVID 3,013,913
MATHIEU, NICOLAS 3,013,968
MATHUR, PRABODH 3,014,195
MATTAVELLI, DINO 3,013,989
MATTHES, JORG 3,013,993
MAYERS, ANDREW 3,014,015
MAZHAR, AMAAN 3,014,059
MAZZIERI, PAOLO 3,013,803
MAZZOCCHI, RUDY A. 3,013,698
MCALISTER, STEVEN ALEXANDER 3,013,674
MCCRACKEN, SEAN 3,013,672
MCCRACKEN, SEAN 3,013,993
MCELROY MANUFACTURING, INC. 3,014,039
MCGRANAHAN, LIAM 3,013,776
MCGUFFIN-NOLL, DOUGLAS 3,013,912
MCMANUS, ROBERT E. 3,013,901
MCNAUGHTON, ROB 3,013,774
MCNEEL, DOUG 3,013,930
MCPHERSON, CAMERON 3,013,620
MDB DIAGNOSIS GROUP LIMITED 3,014,019
MEARES, IAN GOLDSMITH 3,013,828
MEDICAL COMPONENTS, INC. 3,013,914
MEDINE, GAVIN MARK 3,013,591
MEGHPARA, KANJI 3,013,326
MEHTA, ANAND 3,013,792
MEHTA, DEEP 3,013,761
MEIER, KEVIN 3,013,720
MEIER, KEVIN 3,013,769
MELANSON, CHRISTOPHER W. 3,013,913
MELCHOR RODRIGUEZ, JUAN MANUEL 3,013,684
MEMORIAL SLOAN-KETERING CANCER CENTER 3,013,623
MENDES GIL, MARIA HELENA 3,013,878
MERCK PATENT GMBH 3,013,648
MERIAL INC. 3,013,705
MESCHTER, STEPHAN 3,014,085
MESHNET PTY LTD 3,013,828
MESSIER, BERNADETTE C. 3,013,706
METALOGENIA RESEARCH & TECHNOLOGIES S.L. 3,013,663
METALOGENIA RESEARCH & TECHNOLOGIES S.L. 3,014,111
MICHAEL, NICHOLAS O. 3,013,670
MICHEL-SANCHEZ, ENRIQUE 3,014,206
MIE UNIVERSITY 3,014,027
MILLER, GLENN A. 3,014,177
MILLER, PAUL F. 3,013,770
MILLET, YVES 3,013,770
MINAIAN, KAMRAN 3,014,010
MINDEN, MARK 3,013,646
MIRONOV, OLEG 3,013,531
MISCHKE, STEVEN 3,014,192
MISCHKE, STEVEN 3,014,194
MISHRA, MUNMAYA K. 3,014,147
MISIR, SHIVSANKAR 3,014,191
MISTRY, JIGAR K. 3,013,784
MISTRY, SHAUNAK 3,014,166
MITCHELL, AMANDA 3,013,646
MITSUBISHI ELECTRIC CORPORATION 3,014,156
MITSUBISHI ELECTRIC CORPORATION 3,014,159
MOBERG, SHELDON B 3,014,063
MOBLEY, JAMES LESLIE 3,014,079
MODULATED IMAGING, INC. 3,014,059
MOI, SONJA 3,013,638
MOJANA, CORRADO 3,013,692
MOLIN, GORAN 3,011,322
MOLLER, ACHIM 3,014,144
MOLTER, MICHAEL 3,014,201
MONDIAS NATURELS INC. 3,013,950
MONTANARO, FABIO 3,014,016
MONTI, MARGHERITA 3,014,155
MONTOJO, JUAN 3,013,918
MOODY, MELISSA A. 3,013,944
MOONSHADOW MOBILE, INC. 3,014,045
MOQRICH, ABDELAZIZ 3,013,681
MORAES, TREVOR F. 3,013,952
MORI, KAZUHIKO 3,013,892
MORRILL, PAUL 3,012,233
MOTA LEITE MACHADO MARIZ, MARCOS JOAO 3,013,878
MOYER, JAMES I. 3,013,664
MOZORUK, JERRY 3,014,036
MTPV POWER CORPORATION 3,013,913
MUELLER, ERIK 3,013,840
MUJICA, ALEXANDER O. 3,014,208
MULCAHEY, THOMAS 3,013,802
MULLANEY, MICHAEL 3,014,098
MULLER, DIERK 3,013,967
MURAOKA, DAISUKE 3,014,027
MURPHY, ANDREW J. 3,014,202
MUTTI, PAUL CHRISTOPHER EDWARD 3,013,691
MYMD PHARMACEUTICALS, INC. 3,013,634
NABORS, ABIGAIL 3,013,659
NAGAI, TAKAAKI 3,014,037
NAGAYOSHI, MORIYASU 3,013,892
NAJAR, AZAD 3,014,105
NAM, DO-HYUN 3,013,584
NANO BRIDGING MOLECULES SA 3,013,841
NANT HOLDINGS IP, LLC 3,014,056
NANTCELL, INC. 3,014,056
NARDELLI, BRUNO A. 3,013,913
NATIONAL NAIL CORP. 3,013,940
NATIONAL UNIVERSITY OF IRELAND, GALWAY 3,013,969
NATURAL FIBER WELDING, INC. 3,014,201
NEGRE, OLIVIER 3,014,078
NEILAN, BRETT 3,014,109
NELSON, RICHARD LOUIS 3,013,633
NETO MURTA, JOAQUIM CARLOS 3,013,878
NEURO-BIO LTD 3,012,233
NEWBY, PAUL 3,013,647
NEWSOUTH INNOVATIONS PTY LIMITED 3,013,644
NG, CHRISTINE 3,012,524

NG, PUI YEE 3,014,192
NG, PUI YEE 3,014,194
NG, STANLEY 3,013,646
NIAZI, KAYVAN 3,014,056
NICKELS, JOHN MARK 3,014,011
NIELSEN, CHRISTOFFER 3,013,677
NIELSEN, HANNE MORCK 3,013,673
NIHON NOHYAKU CO., LTD. 3,013,708
NINGBO XULI METAL PRODUCTS CO., LTD. 3,003,047
NIORE IP, S.R.O. 3,013,560
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,013,886
NISSAN MOTOR CO., LTD. 3,014,157
NISSAN MOTOR CO., LTD. 3,014,161
NITTO DENKO CORPORATION 3,013,706
NOCELLI, LUCA 3,013,530
NOEL, FLOYD 3,013,776
NOERENBERG, RALF 3,014,101
NOKIA TECHNOLOGIES OY 3,014,152
NORCROSS, ROGER 3,013,696
NORDFJORD LAKS AS 3,014,028
NOVA BIOMEDICAL CORPORATION 3,013,694
NOVAK, MIROSLAV 3,013,560
NOVATEL INC. 3,013,947
NOVEK, ETHAN 3,013,762
NOVO NORDISK A/S 3,013,532
NULL, SPENCER JACOB 3,014,201
NUNES FERREIRA CALVINHO, PAULA CRISTINA 3,013,878
NUOVO PIGNONE TECNOLOGIE SRL 3,013,529
NUOVO PIGNONE TECNOLOGIE SRL 3,014,127
NUOVO PIGNONE TECNOLOGIE SRL 3,014,129
NURALOGIX CORPORATION 3,013,943
NURALOGIX CORPORATION 3,013,948
NURALOGIX CORPORATION 3,013,951
NURALOGIX CORPORATION 3,013,959
O'CONNOR, SEAN M. 3,014,063
O'DOHERTY, DAVID 3,013,687
O'LENICK, ANTHONY J. 3,011,390
O'MAHONY, EOIN 3,014,011
O'SHEA, CLODAGH 3,013,637
O'SHEA, CLODAGH 3,013,639
O'SULLIVAN, PAMELA 3,013,636
O'TOOLE, MARTIN G. 3,014,030
OBSHCHESTVO S OGRANICHENNOJ OTVETSTVENNOSTYU "VDM-TEKHNIKA" 3,000,240
OCTAPHARMA AG 3,013,662
OECHSLE, DIETMAR 3,013,840
OHMAN, HENRIK 3,013,864
OHUCHI, WATARU 3,013,652
OISHI, TAKAO 3,014,037
OMNICELL, INC. 3,013,647
OMUNIS 3,014,034
OMYA INTERNATIONAL AG 3,013,984
OMYA INTERNATIONAL AG 3,013,986
ORLIK, PHILIP 3,014,159
ORR, DAVID 3,012,583
ORTIZ GARCIA, JUSTO JESUS 3,013,663
OSALAND, ESPEN 3,014,025
OSTERMEIER, G. CHARLES 3,013,944
OTTOSEN, SOREN 3,013,683
OUELLETTE, KENNETH 3,014,041
OUTCOMEMD, INC. 3,013,776
OWEN, GARETH 3,013,831
PAGANO, LISA 3,013,914
PAIL CORPORATION 3,013,840
PAJOVIC, MILUTIN 3,014,159
PALANIGOUNDER, ANAND 3,013,642
PALTSEV, DMITRY 3,014,158
PAN, XIAOCHEN 3,014,090
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 3,011,578
PAPADATOS, KOSTA 3,013,641
PARADIGM INDUSTRIES AUSTRALIA PTY LTD 3,013,645
PARK, EUN RANG 3,013,750
PARK, EUNHYE 3,013,768
PARK, HYUNKYU 3,013,584
PARK, JAESUNG 3,013,815
PARKS, EMMA 3,014,024
PARTLO, WILLIAM 3,013,637
PARTLO, WILLIAM 3,013,639
PATEL, AMIT 3,013,868
PATEL, BIREN 3,013,649
PATEL, DEENDAYAL 3,013,904
PATEL, SHIMMAN ARVIND 3,013,587
PEARCE, JAMES 3,014,036
PEARSALL, ROBERT SCOTT 3,014,197
PECHY, PETER 3,013,841
PEDERSEN, LYKKE 3,013,683
PEGGAU, JORG 3,013,675
PENG, ZHILI 3,013,625
PEPPER, CHRIS 3,012,233
PEREGO, MICHELE 3,013,692
PEREZ SORIA, FRANCISCO 3,013,663
PEREZ, DANIEL 3,013,771
PEROVIC, DOUG D. 3,014,085
PERRIN, OLIVIER 3,013,968
PERRONE, PAOLO 3,013,692
PERRY, JOHN J. 3,014,046
PETASIS, NICOS A. 3,014,033
PETERSON, SHANNON 3,012,937
PETROVIC, IVAN 3,013,546
PEYTON, ROSS 3,013,720
PEYTON, ROSS 3,013,769
PFIZER INC. 3,013,880
PFLIEGER, PHILIPPE 3,013,696
PHAM, LISA MARIA LUCIA 3,013,768
PHARMAKEA, INC. 3,013,917
PHARMAXIS LTD 3,013,819
PHARMAXIS LTD. 3,013,850
PHILIP MORRIS PRODUCTS S.A. 3,013,531
PHILIP MORRIS PRODUCTS S.A. 3,014,136
PHILIP MORRIS PRODUCTS S.A. 3,014,140
PHILIP MORRIS PRODUCTS S.A. 3,014,147
PHILIP MORRIS PRODUCTS S.A. 3,014,148
PHILIP MORRIS PRODUCTS S.A. 3,014,149
PHILIPS, DOUGLAS 3,014,067
PHILLIPS, DOUGLAS 3,014,001
PHILLIPS, GEORGE R. 3,014,177
PHILLIPS, PERCY D. 3,014,154
PHUAPRADIT, WANTANEE 3,013,326
PHYSICAL OPTICS CORPORATION 3,013,934
PICHE, MICHEL 3,013,946
PICO, DANIEL 3,013,763
PICOTE SOLUTIONS OY LTD 3,013,534
PIERS, PATRICIA ANN 3,013,856
PIERS, PATRICIA ANN 3,013,857
PIERS, PATRICIA ANN 3,013,858
PIERSON, ALISON 3,013,685
PINAPPU, SAI REDDY 3,013,591
PINTER, ABRAHAM 3,013,904
PIRELLI TYRE S.P.A. 3,014,016
PLAEHN, WILLIAM H. 3,014,073
PLANERT, ANDREAS 3,013,957
PLAYFORD, MARK A. 3,013,665
PODGORNY, IGOR A. 3,013,346
POLARIS INDUSTRIES INC. 3,013,678
POLETAEV, IVAN GEORGIEVICH 3,000,240
POLOCOSER, MITICA 3,013,775
POMMELLET, CAROLINE 3,013,705
PORTZ, DANIELA 3,013,958
POWERS, COLIN 3,013,637
POWERS, COLIN 3,013,639
POWERS, GORDON 3,014,013
PRAJAPTI, HETALBEN 3,014,032
PRAKASH, RANJIT 3,014,069
PREHEIM, JOHN D. 3,013,670
PREVIS, DAVID 3,013,675
PRICEMAN, SAUL J. 3,013,773
PRIEMEL, PETRA ALEXANDRA 3,013,673
PRIEMER, WOLFGANG 3,011,273
PRINOTH S.P.A. 3,014,021
PROBI AB 3,011,322
PROTON TECHNOLOGIES INC. 3,013,875
PRUYN, KRIS 3,014,185
PRZYBYCIN, MICHAL 3,013,701
PUDDY, IAIN GEOFFREY JOHN 3,013,828
PURCELL NGAMBO, LISA 3,014,202
PURVES, THOMAS 3,013,815
QORE PERFORMANCE, INC. 3,013,929
QUALCOMM INCORPORATED 3,013,587
QUALCOMM INCORPORATED 3,013,642
QUALCOMM INCORPORATED 3,013,813
QUALCOMM INCORPORATED 3,013,918
QUAN, YING-SHU 3,013,704
QUIROS, JUAN JOSE CHACON 3,013,698
RABA SANCHEZ, DAVID 3,013,695
RABIZADEH, SHAHROOZ 3,014,056
RADER, WILLIAM K. 3,013,656

RADES, THOMAS 3,013,673
RAI STRATEGIC HOLDINGS, INC. 3,014,154
RAIMONDI, MARIA ALEJANDRA 3,011,186
RAJAGOPAL, ADITYA 3,013,817
RAJAGOPAL, ALAINA ANN BRINLEY 3,013,817
RAMASWAMY, RAJAN 3,014,063
RAMSAY, EUGENE B. 3,013,926
RAMSAY, THOMAS E. 3,013,926
RANALLI, ANTONIO 3,013,803
RAND, WIEBKE 3,014,114
RANGARAMANUJAM, KANNAN 3,013,922
RAO, AJITH 3,013,925
RASMUSSEN, SOREN 3,013,532
RAVEN INDUSTRIES, INC. 3,013,670
RAY, SUMAN SINHA 3,013,925
REDX PHARMA PLC 3,012,583
REGENERON PHARAMACEUTICALS, INC. 3,014,208
REGENERON PHARMACEUTICALS, INC. 3,014,202
REILLY, AARON 3,013,772
RELIANCE MEDICAL PRODUCTS, INC. 3,013,794
REMACLE, CLAIRE 3,014,135
REMACLE, CLAIRE 3,014,141
RENTZ, GRAY I. 3,013,678
RENYI, GABOR 3,013,282
RESPINI, MARCO 3,013,591
REY, CATHY 3,013,936
RGENE, INC. 3,013,916
RICHARD, DAVID 3,014,192
RICHARD, DAVID 3,014,194
RICO ALVARINO, ALBERTO 3,013,918
RIEMENSCHNEIDER, HOLGER 3,013,954
RIGHESCHI, ANDREA 3,014,127
RIGHESCHI, ANDREA 3,014,129
RIGSHOSPITALET 3,013,677
RISSEEUW, IZAAK 3,014,023
RIVERA, ESTHER MILAGROS DIAZ 3,013,788
RIVLIN, VLADIMIR M. 3,013,794
ROBERT, DONALD 3,013,715
ROBERTSON, ALAN DUNCAN 3,013,819
ROBERTSON, ALAN DUNCAN 3,013,850
ROBERTSON, TAYLOR 3,013,626
ROBIBERO, VINCENT 3,013,830
ROBINSON, MICHAEL O. 3,014,085
ROCKLER COMPANIES, INC. 3,014,066
ROCKWELL COLLINS, INC. 3,014,085
ROEDER, JENS 3,014,101
ROGERS, JAMES WILLIAM 3,014,154
ROGERSON, JOHN STUART 3,013,661
ROHO, INC 3,013,720
ROHO, INC. 3,013,769
ROLLINGER, ADRIEN BERNARD VINCENT 3,014,022
ROMANO, JENNIFER 3,013,785
ROMANSKY, MARIANNE 3,014,085
ROSE, MARTIN 3,014,072
ROSEMOUNT INC. 3,013,633
ROSEN, MICHAEL 3,014,070
ROSEN, PER 3,013,662
ROSERO, SPENCER Z. 3,013,656
ROSHCHIN, MIKHAIL 3,013,822
ROSHCHIN, MIKHAIL 3,013,824
ROSSUM VAN, GUUS 3,013,805
ROTEM, AVI 3,013,860
ROTH, BRIAN K. 3,013,626
ROTHERHAM, DAVID 3,014,015
ROTTLAND, JORG 3,014,096
ROUX, SERGE 3,013,706
ROVI GUIDES, INC. 3,013,928
ROWBOTTOM, MARTIN W. 3,013,917
ROWE, DAVID 3,013,626
RUBBO, PIERRE-ALAIN 3,014,034
RUPPERT, SWEN 3,013,651
RUS CALBORG, GUILLERMO 3,013,684
RUSSELL, BRIAN 3,013,972
RUSSELL, BRIAN 3,013,977
RUSSELL, BRIAN 3,013,982
RUSSELL, BRIAN 3,013,983
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 3,013,904
RUTLAND, CRYSTAL 3,013,776
RUTTEN, ALPHONS 3,013,705
S.E.L.A.R.L DE MEDECINS PLASTICIENS PARIS 3,013,801
SAAL, CHRISTOPH 3,013,648
SABET, ARASH 3,013,660
SAFRAN 3,014,022
SAFRAN ELECTRONICS & DEFENSE 3,013,842
SAFRAN TRANSMISSION SYSTEMS 3,013,806
SAGETECH MEDICAL EQUIPMENT LIMITED 3,014,020
SAHAJWALLA, VEENA 3,013,644
SAHLIN, HENRIK 3,014,029
SAITO, MIO 3,013,704
SALCE, ANTHONY H., JR. 3,014,191
SALIMAN, JUSTIN 3,013,776
SALK INSTITUTE FOR BIOLOGICAL STUDIES 3,013,637
SALK INSTITUTE FOR BIOLOGICAL STUDIES 3,013,639
SALON COMMODITIES, INC. 3,011,390
SAMSUNG LIFE PUBLIC WELFARE FOUNDATION 3,013,584
SANCHEZ, YAGO 3,013,657
SANDEROVICH, AMICHAI 3,013,813
SANDU, CORINA 3,013,591
SANDVIK INTELLECTUAL PROPERTY AB 3,014,095
SANGHA, JANGBIR 3,014,055
SANTEN PHARMACEUTICAL CO., LTD. 3,013,583
SARGENT MANUFACTURING COMPANY 3,013,667
SASAKI, MASAYUKI 3,011,578
SAUDI ARABIAN OIL COMAPNY 3,013,807
SAUER, NOEL 3,014,036
SAYGER, DANIEL 3,014,047
SCANDINAVIAN REAL HEART AB 3,014,105
SCHAAL, SHLOMIT 3,014,030
SCHEEPERS, ALEX 3,013,662
SCHEIRER, ANDREW 3,013,636
SCHIERL, THOMAS 3,013,657
SCHILLER, SHAWN E. R. 3,014,192
SCHILLER, SHAWN E.R. 3,014,194
SCHIMMOELLER, DALE E. 3,013,717
SCHLADT, MATTHEW J. 2,972,861
SCHMOLL, JEREMY A. 3,013,699
SCHNITTGER, SVEN 3,013,955
SCHOELKOPF, ROBERT J. 3,011,302
SCHOENEICH, CHRISTIAN 3,013,668
SCHOLCH, MICHAEL 3,013,672
SCHOONEBEEK, RONALD JAN 3,013,805
SCHOPKE, CHRISTIAN 3,014,036
SCHRADER, JOHN ANDREW 3,013,787
SCHROEDER, DENNIS 3,014,195
SCHROER, DANIEL R. 3,013,702
SCHROER, DANIEL R. 3,013,755
SCHRYVERS, ANTHONY B. 3,013,952
SCHUETTE, CHAD V. 3,013,702
SCHUETTE, CHAD V. 3,013,755
SCHULDT, CHRISTIAN 3,013,852
SCHULDT, CHRISTIAN 3,013,854
SCHUYLER, TIMOTHY R. 3,013,913
SDELCI, SARA 3,013,988
SEAMER, ANDREW 3,013,824
SEBIRE, BENOIST PIERRE 3,014,152
SECURITY SERVICES NORTHWEST, INC. 3,013,921
SEELER, FABIAN 3,014,101
SEGAMI, ROSA E. 3,014,036
SEKIDO, YUKI 3,014,163
SELLERS, SCOTT D. 3,013,945
SEPRO MINERAL SYSTEMS CORP. 3,013,674
SERIMAX HOLDINGS 3,013,831
SHAH, NAVNIT H. 3,013,326
SHAMSHIEV, ABDIJAPAR 3,014,001
SHAMSHIEV, ABDIJAPAR 3,014,067
SHANE, KEVIN 3,013,664
SHARP KABUSHIKI KAISHA 3,013,652
SHELEKHIN, TATIANA 3,014,192
SHELEKHIN, TATIANA 3,014,194
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,013,805
SHEPHERD, RICHARD 3,014,174
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